

Metropolitan Housing Characteristics

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MUNCIE, IND.

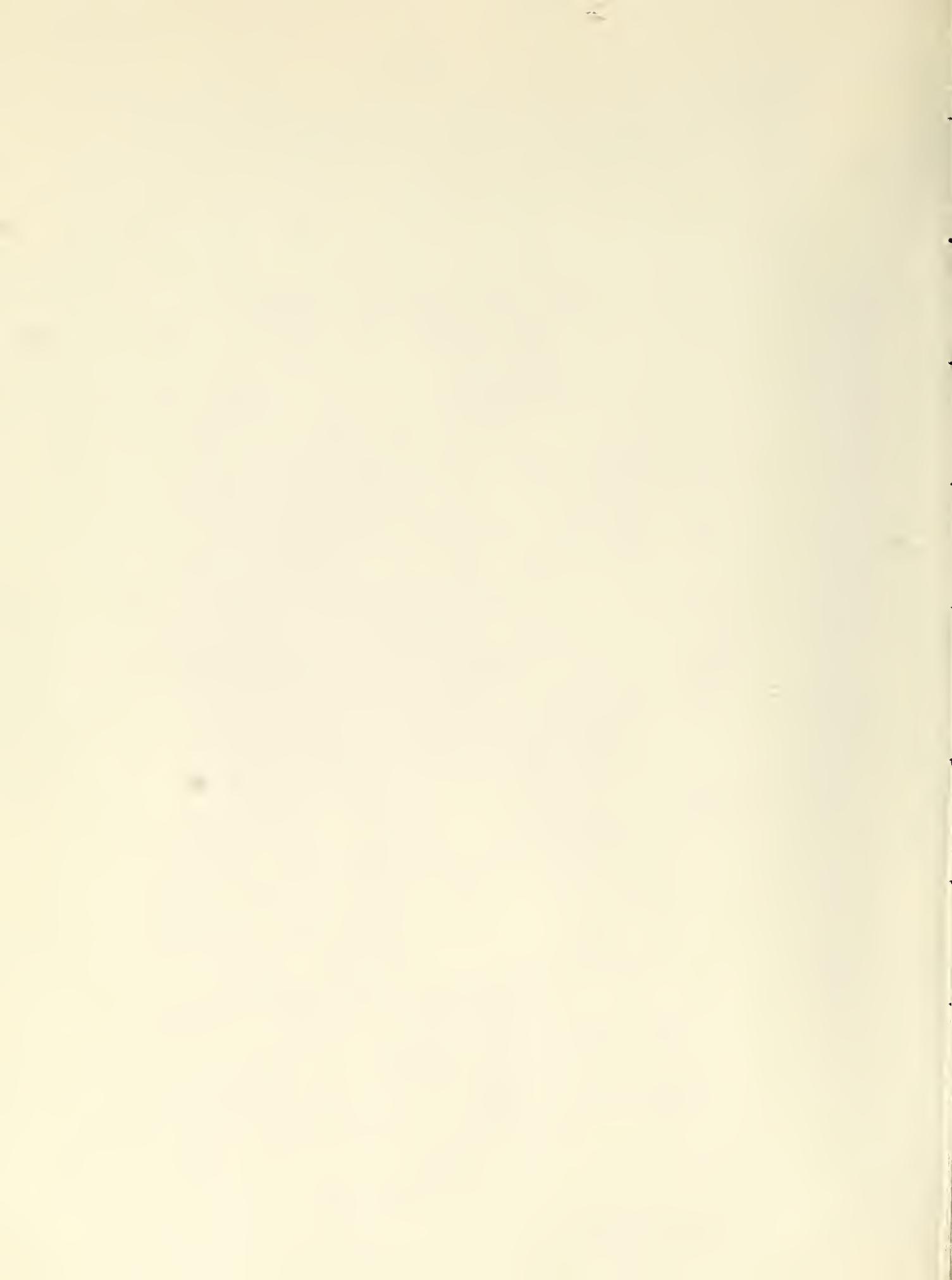
STANDARD METROPOLITAN STATISTICAL AREA

1980

**Census of
Housing**

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1980 Census of Housing

VOLUME 2

Metropolitan Housing Characteristics

MUNCIE, IND.

HC80-2-249

Issued November 1983



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BUREAU OF THE CENSUS
C. L. Kincannon, Acting Director

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BUREAU OF THE CENSUS
C. L. Kincannon, Acting Director

HOUSING DIVISION
Arthur F. Young, Chief

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List of HC80-2, Metropolitan Housing Characteristics, Reports

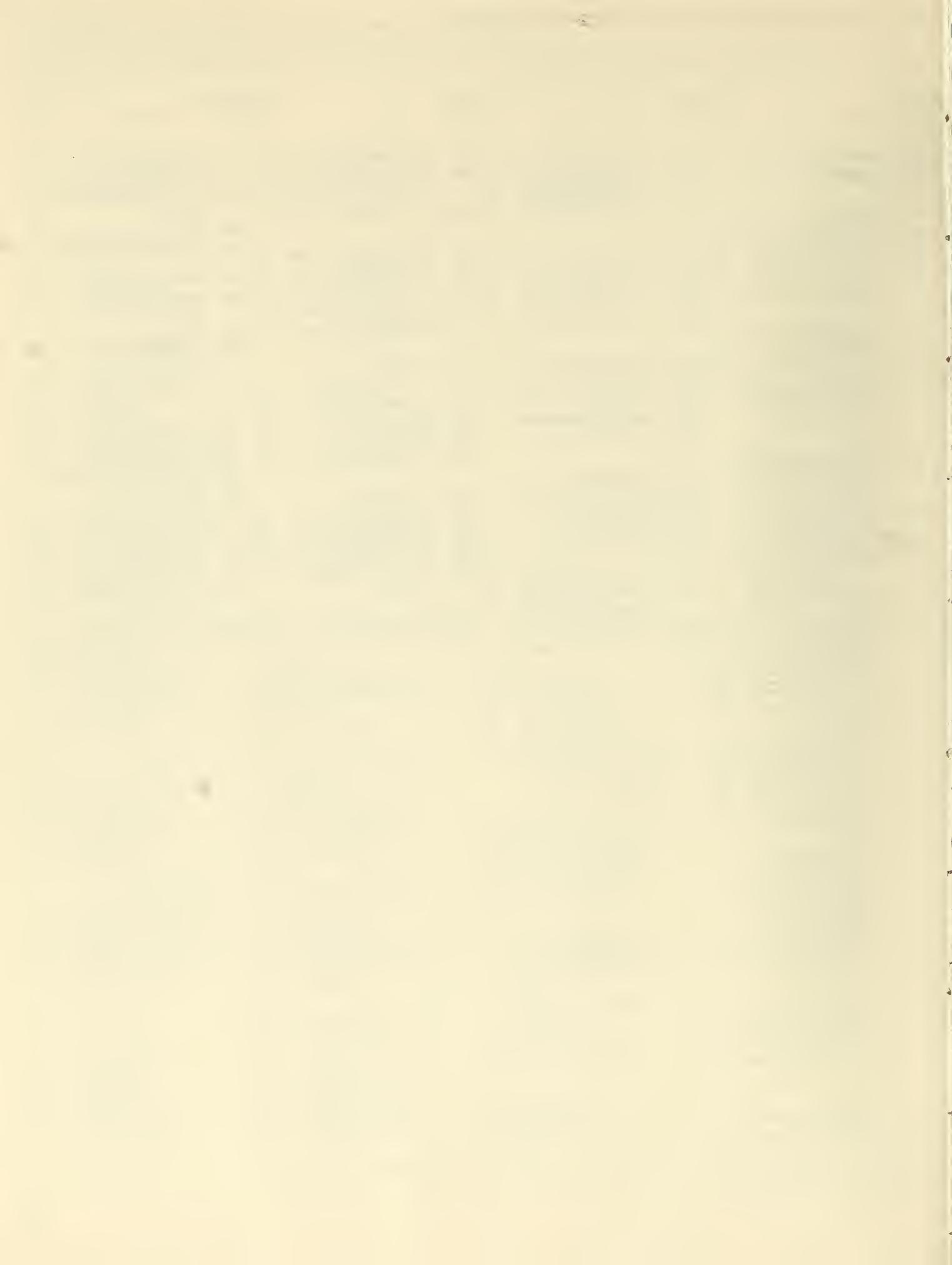
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159	Fort Collins, Colo.	199	Kankakee, Ill.			276	Panama City, Fla.
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161	Fort Myers-Cape Coral, Fla.	201	Kenosha, Wis.	240	Meriden, Conn.	278	Pascagoula-Moss Point, Miss.
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		217	Lawton, Okla.	255	New Britain, Conn.	293	Providence-Warwick-Pawtucket, R.I.-Mass.
176	Greensboro-Winston-Salem-High Point, N.C.	218	Lewiston-Auburn, Maine	256	New Brunswick-Perth Amboy-Sayreville, N.J.	294	Provo-Orem, Utah
177	Greenville-Spartanburg, S.C.	219	Lexington-Fayette, Ky.	257	New Haven-West Haven, Conn.	295	Pueblo, Colo.
178	Hagerstown, Md.	220	Lima, Ohio	258	New London-Norwich, Conn.-R.I.	296	Racine, Wis.
179	Hamilton-Middletown, Ohio			259	New Orleans, La.	297	Raleigh-Durham, N.C.
180	Harrisburg, Pa.	221	Lincoln, Nebr.	260	New York, N.Y.-N.J.	298	Reading, Pa.
		222	Little Rock-North Little Rock, Ark.			299	Redding, Calif.
181	Hartford, Conn.	223	Long Branch-Asbury Park, N.J.	261	Newark, N.J.	300	Reno, Nev.
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183	Honolulu, Hawaii	225	Lorain-Elyria, Ohio	263	Newburgh-Middletown, N.Y.	301	Richland-Kennewick-Pasco, Wash.
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304	Roanoke, Va.	323	San Juan, P.R.	343	State College, Pa.	362	Vineland-Millville-Bridgeton, N.J.
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306	Rochester, N.Y.	325	Santa Cruz, Calif.	345	Stockton, Calif.	364	Waco, Tex.
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GENERAL

This report is part of the *Metropolitan Housing Characteristics* series and presents cross-tabulations of sample data on housing and household characteristics from the 1980 Census of Population and Housing. Legal provision for this census, which was conducted as of April 1, 1980, was made in the Act of Congress of August 31, 1954 (amended August 1957, December 1975, and October 1976), which codified Title 13, United States Code.

The content and procedures of the 1980 census were determined after evaluation of the results of the 1970 census, consultation with a wide variety of users of census data, and extensive field testing. A number of changes were introduced in 1980 to improve the usefulness of the census results. The changes do not, however, affect to any appreciable extent the comparability between the 1980 data and the 1970 data. Further information on comparability appears in Appendix B, "Definitions and Explanations of Subject Characteristics."

More detailed information on the technical and procedural matters covered in the text of this report can be obtained by writing to the Director, Bureau of the Census, Washington, D.C. 20233. Such information will also appear in other publications of the 1980 census.

The *Metropolitan Housing Characteristics* series consists of a United States

Summary report and individual reports for each of the 50 States, Puerto Rico, and each of the standard metropolitan statistical areas (SMSA's) in the United States and Puerto Rico. The abbreviated identification for this report is HC80-2 (i.e., Housing Census, 1980, Volume 2) followed by a number representing the State or SMSA.

In the SMSA reports, data are published for the following levels of geography: the SMSA, each central city, and each place of 50,000 or more population. In the State reports, data are shown for the State, that part of the State inside SMSA's, and inside central cities. In the United States Summary report, data are published for the United States total, inside SMSA's, and inside central cities, and for the four census regions, the region total, inside SMSA's, and inside central cities.

CONTENTS OF THE REPORT

This report contains text (this introduction and six appendixes), a table of contents, one or more maps, and a series of detailed tables. The detailed tables are organized to provide a set of 68 tables for each geographic area (State, SMSA, central city, etc.) covered in the report. As shown in the "Index of Tables" on page IX, the set of tables for each geographic area is identified with a unique letter (A, B, C, etc.) prefix in the table number. In the SMSA reports, the SMSA is presented first, followed by the sets of tables for the central cities and places, all in alphabetical order.

For each particular area, the 68 tables consist of: 13 tables for the area in its entirety, 44 tables for occupied housing units classified by the racial group of the householder, and 11 tables for occupied housing units with householders of Spanish origin. More specifically, tables

1 to 13 are for the entire State, SMSA, central city, or place; tables 14 to 24 are for housing units with a White householder; tables 25 to 35 are for units with a Black householder; tables 36 to 46 are for units with an American Indian, Eskimo, or Aleut householder; tables 47 to 57 are for units with an Asian or Pacific Islander householder; and tables 58 to 68 are for units with a Spanish origin householder.

The race and Spanish origin tables are presented for SMSA's and places only when certain population-size criteria are met. Tables 25 to 35 (Black); 36 to 46 (American Indian, Eskimo, and Aleut); and 47 to 57 (Asian and Pacific Islander) are presented only when the particular area's population contains 10,000 or more persons of the given racial group or when the persons in the given racial groups constitute 10 percent or more of the total population of the particular area. If any of these 3 sets of tables qualify to appear for an area, tables 14 to 24 (White) are also presented. The Spanish origin tables (58 to 68) are shown if there are 10,000 or more Spanish origin persons in the particular area or if such persons constitute 10 percent or more of the total population of the particular area.

Appearing last in the report are the appendixes. Appendix A describes the various area classifications (e.g., standard metropolitan statistical area, census designated place). Appendix B provides definitions and explanations for the subjects covered in this report. Appendix C briefly explains the residence rules used in counting the population and describes the data collection and processing procedures. Appendix D presents information on the sources of error in the data and on editing procedures. Appendix E contains facsimiles of the 1980 census questionnaire pages and respondent instructions. Appendix F summarizes the data dissemination program of the 1980 census.

DERIVED FIGURES (Means, Medians, and Percents)

This report presents means, medians, and percents, as well as certain rates and ratios. The median—a type of average—is the middle value in a distribution; i.e., the median divides the distribution into two equal parts: one-half of the cases are below the median and one-half of the cases are above the median. Percents and other derived measures which round to less than 0.1 are not shown but are indicated as zero (i.e., "—").

Medians for rooms are rounded to the nearest tenth; for age, to the nearest year; for persons, to the nearest hundred; for value, to the nearest hundred dollars; and for income, selected monthly owner costs, contract and gross rent, to the nearest dollar. In computing medians for rooms and persons per housing unit, the whole number is used as the midpoint of the interval so that, for example, the category "3 rooms" is treated as an interval ranging from 2.5 to 3.5 rooms. In computing median rent, units reported as "no cash rent" are excluded. The median is computed on the basis of the distribution as tabulated, which is sometimes more detailed than the distribution shown in this report. For example, median age is based on a distribution of five year intervals from 15 to 85 years. When the median falls in the lower terminal category of an open-ended distribution, the method of presentation is to show the initial value of the next category followed by a minus sign; thus, for example, if the median falls in the category "Less than \$10,000," it is shown as "\$10,000—." When the median falls in the upper terminal category of an open-

ended distribution, the initial value of the terminal category is given followed by a plus sign; thus, for example, if the median falls in the category "\$150,000 or more," it is shown as "\$150,000+."

SYMBOLS AND GEOGRAPHIC ABBREVIATIONS

The following symbols and geographic abbreviations are used in the tables:

- A dash "—" represents zero or a percent which rounds to less than 0.1.
- Three dots "..." mean not applicable, or that the data are being withheld to avoid disclosure of information for individual housing units. (For further information on disclosure, see the section below on "Suppression of Data for Confidentiality.")
- CDP is census designated place.
- SMSA is standard metropolitan statistical area.

SUPPRESSION OF DATA FOR CONFIDENTIALITY

To maintain the confidentiality promised respondents and required by law, the Census Bureau takes precautions that its published data do not disclose information about specific individuals and housing units. To accomplish this, the Bureau suppresses data for characteristics which are based on a small number of persons and/or housing units in the geographic area. Under certain conditions, both primary and complementary suppression, as defined below, may take place.

The general rules of primary suppression of sample data are as follows: esti-

mates of total population by race and Spanish origin are never suppressed; other characteristics for persons are shown only if there are 30 or more persons in the geographic area; estimates of total housing units, vacant housing units, year-round housing units, and occupied housing units are never suppressed; characteristics of year-round housing units which are not classified by occupancy status are shown only when there are 10 or more year-round housing units in the geographic area; characteristics of families, households, or occupied housing units are shown only if there are at least 10 occupied housing units within the geographic area; and distributions of data for owners or renters are shown only where the number of owners is at least 10 and the number of renters is also at least 10. These primary suppression criteria are applied independently of one another. The comparable figures for complete count (100-percent) data are 15 or more persons and 5 or more housing units of the specified type.

Population and occupied housing unit characteristics cross-classified by race or Spanish origin (of the householder in the case of occupied housing units) are subject to an additional level of examination. This requires that the 30 person or 10 housing unit criterion stated above be applied individually to each race or Spanish origin category.

Finally, complementary suppression is applied to prevent the derivation of primary suppressed data by subtraction. For example, housing unit data shown by tenure may require complementary suppression when the number of owner-occupied or renter-occupied housing units is less than 10.

1980

Census of Housing

Metropolitan Housing Characteristics

MUNCIE, IND.

STANDARD METROPOLITAN STATISTICAL AREA

HC80-2-249

Contents

Arrangement of Tables

This report presents a set of tables for the SMSA, each central city, and each place of 50,000 inhabitants or more. The report is organized to provide a set of 68 tables for each geographic area. There are 11 tables showing data for all households in the area, 2 tables showing data for vacant units, 11 tables for householders of each of four separate race groups, and 11 tables for householders of Spanish origin. The race/Spanish origin tables are, however, shown only when certain population criteria are met. See page VII of the Introduction for further information. To assist the reader in using this report, the listings are presented as follows:

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Index of Tables—shows the pages on which the tables for each geographic area appear and the pages on which data for the various race/Spanish origin householders appear	IX
List of Tables—shows the table numbers and titles for each of the 68 tables	X
Table Finding Guide—shows the tables in which the various subject cross-classifications presented in the report appear	XII
Map—Standard Metropolitan Statistical Areas, Counties, and Selected Places	XIV

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Tables for the total SMSA have the prefix letter "A"; tables for central cities and places of 50,000 inhabitants or more, in alphabetical order, have the prefix letter "B," "C," etc.

Area	Prefix letter	Tables 1-13 Total	Tables 14-24 White	Tables 25-35 Black	Tables 36-46 American Indian, Eskimo, and Aleut	Tables 47-57 Asian and Pacific Islander	Tables 58-68 Spanish Origin
SMSA total	A	Pages 1 to 12 13 to 24	Pages	Pages	Pages	Pages	Pages
Muncie	B		—	—	—	—	—

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(Tables 14 to 24 for the White population are shown if any of the other three racial groups in the area qualify; tables 25 to 35 are shown if an area has 10,000 or more or 10 percent Black population; tables 36 to 46 are shown if an area has 10,000 or more or 10 percent American Indian, Eskimo, and Aleut population; tables 47 to 57 are shown if an area has 10,000 or more or 10 percent Asian and Pacific Islander population; and tables 58 to 68 are shown if an area has 10,000 or more or 10 percent Spanish origin population)

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Table Finding Guide— Cross-Classification of Subjects by Table Number

Subject	Value	Gross rent	Income and poverty status in 1979 of owner-occupied housing units	Income and poverty status in 1979 of renter-occupied housing units	Selected monthly owner costs for mortgaged housing units	Selected monthly owner costs for not mortgaged housing units
OCCUPANCY CHARACTERISTICS						
Condominium	—	—	—	—	—	—
Year moved into unit	1	2	3	4	5	6
UTILIZATION CHARACTERISTICS						
Rooms	1	2	—	—	5	6
Persons in unit	—	—	—	—	5	6
Bedrooms	1	2	—	—	—	—
Median rooms	1	2	3	4	5	6
STRUCTURAL CHARACTERISTICS						
Units in structure	—	2	—	—	—	—
Year structure built	1	2	—	—	5	6
Stories in structure	—	2	—	—	—	—
PLUMBING CHARACTERISTICS						
Plumbing facilities	1	2	3	4	—	—
EQUIPMENT AND FUELS						
Heating equipment	1	2	3	4	5	6
Air conditioning	1	2	3	4	5	6
Vehicles available	—	—	3	4	—	—
House heating fuel	—	—	3	4	5	6
Water heating fuel	—	—	—	—	—	—
FINANCIAL CHARACTERISTICS						
Value	—	—	—	—	5	6
Price asked	—	—	—	—	—	—
Mortgage status and selected monthly owner costs	—	—	3	—	—	—
Selected monthly owner costs as percentage of household income	—	—	—	—	5	6
Contract rent	—	—	—	4	—	—
Gross rent	—	—	—	4	—	—
Rent asked	—	—	—	—	—	—
Gross rent as percentage of household income	—	2	—	4	—	—
Mortgage status and selected monthly owner costs as percentage of household income	1	—	3	—	—	—
HOUSEHOLD CHARACTERISTICS						
Household type by age of householder	1	2	3	4	5	6
Income	1	—	—	—	—	—
Income below poverty level	1	2	—	—	—	—

The table numbers listed above show data for all households. Similar data are shown in the tables listed below when there are 10,000 or more persons of the race or Spanish origin group, or if the group comprises 10 percent of the area population. For further explanation, see the Introduction on page VII.

White	14	15	16	17	18	19
Black	25	26	27	28	29	30
American Indian, Eskimo, and Aleut	36	37	38	39	40	41
Asian and Pacific Islander	47	48	49	50	51	52
Spanish origin	58	59	60	61	62	63

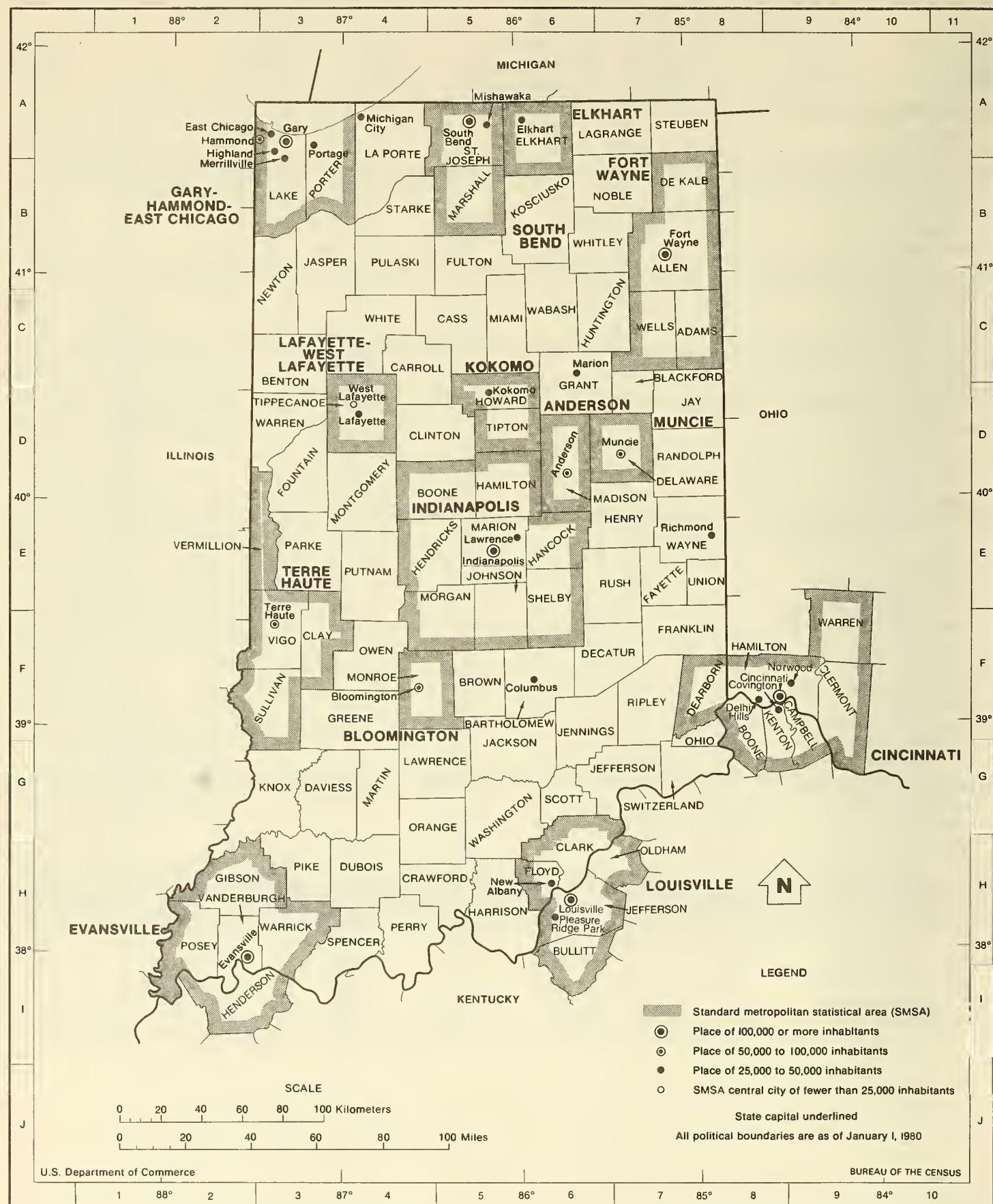
Table Finding Guide—Cross-Classification of Subjects by Table Number

Subject	Year structure built	Units in structure	Size of household (persons)	Household composition by age of householder	Age and sex of householder in one-person households	Duration of vacancy	Price asked and rent asked
OCCUPANCY CHARACTERISTICS							
Condominium	—	8	—	—	—	—	—
Year moved into unit	7	8	—	—	—	—	—
UTILIZATION CHARACTERISTICS							
Rooms	7	8	9	—	—	12	—
Persons in unit	7	—	—	10	—	—	—
Bedrooms	—	8	—	—	—	12	13
Median rooms	7	8	9	—	—	12	—
STRUCTURAL CHARACTERISTICS							
Units in structure	7	—	9	—	11	12	13
Year structure built	—	—	—	—	—	12	13
Stories in structure	—	—	—	—	—	—	—
PLUMBING CHARACTERISTICS							
Plumbing facilities	7	8	9	10	11	12	13
EQUIPMENT AND FUELS							
Heating equipment	7	8	—	—	—	12	—
Air conditioning	7	8	—	—	—	—	—
Vehicles available	—	8	—	—	—	—	—
House heating fuel	7	8	—	—	—	—	—
Water heating fuel	—	8	—	—	—	—	—
FINANCIAL CHARACTERISTICS							
Value	—	—	9	—	—	—	—
Price asked	—	—	—	—	—	12	—
Mortgage status and selected monthly owner costs	—	—	—	—	11	—	—
Selected monthly owner costs as percentage of household income	—	—	9	—	11	—	—
Contract rent	—	—	—	—	—	—	—
Gross rent	—	—	9	—	11	—	—
Rent asked	—	—	—	—	—	12	—
Gross rent as percentage of household income	—	—	9	10	11	—	—
Mortgage status and selected monthly owner costs as percentage of household income	—	—	—	10	—	—	—
HOUSEHOLD CHARACTERISTICS							
Household type by age of householder	7	8	—	—	—	—	—
Income	7	8	9	—	11	—	—
Income below poverty level	7	8	9	—	11	—	—

The table numbers listed above show data for all households. Similar data are shown in the tables listed below when there are 10,000 or more persons of the race or Spanish origin group, or if the group comprises 10 percent of the area population. For further explanation, see the Introduction on page VII.

White	20	21	22	23	24	—	—
Black	31	32	33	34	35	—	—
American Indian, Eskimo, and Aleut	42	43	44	45	46	—	—
Asian and Pacific Islander	53	54	55	56	57	—	—
Spanish origin	64	65	66	67	68	—	—

Standard Metropolitan Statistical Areas, Counties, and Selected Places



CORRECTION NOTE

Any corrections to the 1980 census counts of the total population and total housing units made after this report was printed are available by writing to Data User Services Division, Customer Services, Bureau of the Census, Washington, D.C. 20233.

NOTE TO USERS:

The "Not computed" line for Mortgage Status and Selected Monthly Owner Costs as Percentage of Household Income in 1979 for not mortgaged units includes households with zero or negative income and households reporting no housing costs; that is, not mortgaged units with no utility, fuel, tax, or insurance payments required. Households with no Selected Monthly Owner Costs are normally excluded from the "Not computed" category.

Table A-1. Value of Owner-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The SMSA

	Total	Less than \$10,000	\$10,000 to \$19,999	\$20,000 to \$29,999	\$30,000 to \$39,999	\$40,000 to \$49,999	\$50,000 to \$59,999	\$60,000 to \$79,999	\$80,000 to \$99,999	\$100,000 to \$149,999	\$150,000 or more	Median (dollars)	Mean (dollars)
Specified owner-occupied housing units													
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER	26 072	1 189	4 796	5 907	4 978	3 476	2 229	2 267	775	360	95	32 100	36 900
Married-couple families	19 276	588	2 858	4 186	3 932	2 777	1 837	2 022	654	334	88	34 600	39 700
15 to 24 years	599	23	128	192	141	71	18	20	6	—	—	28 300	29 800
25 to 34 years	4 068	76	442	893	970	655	374	469	120	58	11	36 200	40 500
35 to 44 years	4 309	55	445	758	846	718	478	639	250	80	40	40 700	45 700
45 to 64 years	7 661	235	1 186	1 595	1 551	1 064	835	742	245	182	26	34 700	39 900
65 years and over	2 639	199	657	748	424	269	132	152	33	14	11	25 200	30 600
Male householder, no wife present	1 852	214	521	428	221	212	137	93	24	—	2	23 300	28 600
15 to 24 years	104	—	49	36	6	—	7	6	—	—	—	20 500	25 200
25 to 34 years	370	14	109	80	79	65	18	5	—	—	—	25 800	28 500
35 to 44 years	391	42	86	56	47	64	48	37	9	—	2	34 400	35 200
45 to 64 years	552	74	130	155	64	41	50	29	9	—	—	23 400	28 400
65 years and over	435	84	147	101	25	42	14	16	6	—	—	19 100	23 800
Female householder, no husband present	4 944	387	1 417	1 293	825	487	255	152	97	26	5	24 500	28 900
15 to 24 years	69	—	21	31	—	17	—	—	—	—	—	23 300	27 200
25 to 34 years	468	5	140	121	114	24	20	31	13	—	—	26 700	31 200
35 to 44 years	585	23	121	159	88	84	80	9	16	—	5	29 500	34 000
45 to 64 years	1 654	126	476	374	290	193	83	63	37	12	—	24 500	29 800
65 years and over	2 168	233	659	608	333	169	72	49	31	14	—	22 700	26 400
Median age	49.0	62.0	55.8	51.2	47.1	45.5	46.3	43.8	44.0	47.8	43.1	...	...
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980	2 573	90	445	468	417	367	249	349	89	84	15	36 700	42 000
1975 to 1978	6 397	133	912	1 314	1 207	924	713	732	313	107	42	36 400	42 000
1970 to 1974	4 493	148	618	1 017	862	713	428	461	159	69	18	35 400	39 700
1960 to 1969	6 442	227	1 002	1 384	1 476	959	638	477	182	77	20	33 900	37 500
1959 or earlier	6 167	591	1 819	1 724	1 016	513	201	248	32	23	—	23 000	26 700
ROOMS													
1 to 3 rooms	339	90	132	54	33	10	7	—	13	—	—	15 000	20 100
4 rooms	3 926	404	1 576	1 295	447	136	60	6	2	—	—	19 900	21 200
5 rooms	8 393	445	1 682	2 586	2 025	1 028	395	201	20	9	2	27 600	29 300
6 rooms	6 936	169	844	1 279	1 576	1 440	940	589	77	22	—	37 400	38 400
7 rooms	3 629	56	365	477	599	605	563	771	132	52	9	45 200	46 800
8 or more rooms	2 849	25	197	216	298	257	264	700	531	277	84	64 100	66 500
Median	5.6	4.7	4.9	5.1	5.5	5.9	6.2	6.9	8.1	8.5+	8.5+	...	...
BEDROOMS													
None	35	19	2	—	6	8	—	—	—	—	—	10 000—	20 100
1	768	155	321	162	100	11	—	12	7	—	—	16 900	19 700
2	8 345	698	2 663	2 650	1 252	652	257	114	41	18	—	22 100	25 100
3	13 702	283	1 463	2 683	3 205	2 493	1 643	1 492	316	103	21	37 400	40 100
4	2 735	28	297	371	353	290	285	606	316	153	36	51 000	54 800
5 or more	487	6	50	41	62	22	44	43	95	86	38	67 300	75 400
YEAR STRUCTURE BUILT													
1975 to March 1980	1 710	2	58	63	106	272	290	482	254	137	46	61 800	67 400
1970 to 1974	1 861	46	44	265	247	292	332	445	125	55	10	51 000	52 200
1960 to 1969	5 739	36	285	702	1 454	1 183	919	780	254	93	33	43 000	46 900
1950 to 1959	6 043	197	869	1 677	1 585	957	430	223	51	54	—	31 500	33 700
1940 to 1949	3 447	160	1 020	1 178	597	291	95	72	30	4	—	23 600	26 700
1939 or earlier	7 272	748	2 520	2 022	989	481	163	265	61	17	6	21 300	25 300
HOUSEHOLD INCOME IN 1979													
Less than \$5,000	2 117	327	761	487	269	172	22	49	25	—	5	19 500	23 400
\$5,000 to \$9,999	3 369	281	1 101	1 025	476	259	114	81	25	7	—	22 100	25 600
\$10,000 to \$12,499	1 790	162	459	566	315	138	104	39	7	—	—	24 300	26 800
\$12,500 to \$14,999	1 602	93	398	491	331	173	72	32	12	—	—	25 100	28 100
\$15,000 to \$19,999	3 885	146	854	1 052	860	545	242	131	43	12	—	28 800	31 300
\$20,000 to \$24,999	4 191	87	597	1 057	957	669	399	343	50	28	4	33 600	36 500
\$25,000 to \$34,999	5 563	76	481	917	1 280	1 051	691	759	253	53	2	40 200	43 200
\$35,000 to \$49,999	2 522	2	124	244	417	357	469	571	216	97	25	52 100	55 000
\$50,000 or more	1 033	15	21	68	73	112	116	262	144	163	59	70 300	76 200
Median	\$20 301	\$9 792	\$12 984	\$16 660	\$21 174	\$23 236	\$27 418	\$31 040	\$33 819	\$47 129	\$67 471	...	...
Mean	\$22 128	\$12 579	\$14 528	\$17 590	\$21 627	\$23 933	\$28 097	\$33 450	\$37 405	\$61 894	\$82 197	...	...
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979													
With a mortgage	19 319	622	3 165	4 129	3 809	2 710	1 871	1 970	673	299	71	34 100	39 000
Less than 15 percent	8 788	239	1 449	1 973	1 808	1 284	819	881	216	103	16	33 800	37 800
15 to 19 percent	4 029	127	594	786	791	569	383	504	184	69	22	35 800	41 300
20 to 24 percent	2 241	57	266	498	451	303	287	207	94	58	20	35 900	42 200
25 to 29 percent	1 383	65	159	269	265	187	185	151	62	40	—	37 500	41 600
30 to 34 percent	697	25	117	155	146	86	64	65	34	5	—	32 600	37 600
35 percent or more	2 108	101	561	426	346	269	123	162	83	24	13	28 600	35 000
Not computed	73	8	19	22	2	12	10	—	—	—	—	24 200	28 300
Median	16.0	17.7	16.0	15.5	15.6	15.6	16.5	16.0	18.3	18.4	19.4	—	—
Not mortgaged	6 753	567	1 631	1 778	1 169	766	358	297	102	61	24	25 800	30 900
Less than 10 percent	3 117	179	562	718	680	442	255	160	43	54	24	31 300	35 700
10 to 14 percent	1 340	131	373	389	181	131	28	81	26	—	—	24 100	28 100
15 to 19 percent	771	88	212	199	128	69	22	18	28	7	—	23 800	28 800
20 to 24 percent	503	47	174	151	49	39	41	2	—	—	—	21 800	24 500
25 to 29 percent	306	27	87	102	49	30	6	5	—	—	—	23 300	24 900
30 to 34 percent	242	32	69	79	29	13	—	20	—	—	—	21 700	25 300
35 percent or more	417	63	139	120	42	42	—	11	—	—	—	20 300	22 500
Not computed	57	—	15	20	11	—	6	—	5	—	—	22 400	31 200
Median	10.9	14.0	13.3	12.1	10—	10—	10—	10—	11.1	10—	10—	...	...
SELECTED CHARACTERISTICS													
Complete plumbing for exclusive use	25 976	1 148	4 755	5 893	4 978	3 476	2 229	2 267	775	360	95	32 200	37 000
1.01 or more persons per room	510	50	136	185	93	15	31	—	—	—	—	23 400	24 400
Locking complete plumbing for exclusive use	96	41	41	—	—	—	—	—	—	—	—	12 700	13 100
1.01 or more persons per room	7	7	—	—	—	—	—	—	—	—	—	12 500	12 500
Heating equipment	26 065	1 189	4 789	5 907	4 978	3 476	2 229	2 267	775	360	95	32 100	36 900
Central heating system	23 448	699	3 822	5 393	4 742	3 329	2 101	2 173	752	342	95	33 400	38 300
A													

Table A-2. Gross Rent of Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.]

The SMSA		Total	Less than \$100	\$100 to \$149	\$150 to \$199	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 or more	No cash rent	Median (dollars)
Specified renter-occupied housing units		12 759	816	2 230	2 897	2 888	1 840	791	359	328	124	486	203
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families		4 662	136	758	874	1 144	778	378	216	137	36	205	220
15 to 24 years		1 360	45	381	250	378	196	50	28	2	—	30	198
25 to 34 years		1 714	44	214	305	453	273	165	112	81	17	50	231
35 to 44 years		673	16	78	139	119	126	80	52	32	15	16	240
45 to 64 years		650	—	45	116	158	132	77	24	16	4	78	241
65 years and over		265	31	40	64	36	51	6	—	6	—	31	184
Male householder, no wife present		2 905	106	576	795	599	409	175	43	67	27	108	195
15 to 24 years		1 212	41	158	311	249	229	91	29	63	20	21	215
25 to 34 years		894	22	169	267	250	97	54	9	4	—	22	197
35 to 44 years		252	—	68	47	52	49	20	—	—	—	16	202
45 to 64 years		377	24	134	121	40	8	10	5	—	7	28	162
65 years and over		170	19	47	49	8	26	—	—	—	—	21	163
Female householder, no husband present		5 192	574	896	1 228	1 145	653	238	100	124	61	173	189
15 to 24 years		1 581	84	226	399	376	217	82	28	90	61	18	209
25 to 34 years		1 172	88	159	328	304	149	89	38	9	—	8	201
35 to 44 years		423	60	47	77	124	42	42	13	3	—	15	207
45 to 64 years		878	64	247	206	156	118	21	21	15	—	30	176
65 years and over		1 138	278	217	218	185	127	4	—	7	—	102	155
Median age		29.9	47.0	29.4	29.2	28.4	29.3	30.7	32.0	25.8	23.8	52.9	...
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980		7 092	310	1 118	1 711	1 587	1 084	536	282	253	124	87	210
1975 to 1978		3 789	259	779	834	930	553	191	66	58	—	119	198
1970 to 1974		925	111	157	191	244	114	37	9	10	—	52	195
1960 to 1969		632	91	99	130	110	76	12	2	7	—	105	174
1959 or earlier		321	45	77	31	17	13	15	—	—	—	123	136
ROOMS													
1 room		195	87	71	28	9	—	—	—	—	—	—	108
2 rooms		832	93	299	217	169	36	—	—	—	7	11	154
3 rooms		3 038	318	821	1 039	607	110	10	—	—	5	128	164
4 rooms		4 363	227	773	990	1 119	841	235	94	52	—	32	207
5 rooms		2 549	58	184	436	743	544	251	101	92	9	131	238
6 rooms		1 063	33	37	145	144	226	195	77	81	38	87	279
7 or more rooms		719	—	45	42	97	83	100	87	103	65	97	322
Median		4.0	3.2	3.4	3.7	4.1	4.4	5.1	5.3	5.7	6.7	5.0	...
PLUMBING FACILITIES BY PERSONS PER ROOM AND POVERTY STATUS IN 1979													
All income levels in 1979		12 759	816	2 230	2 897	2 888	1 840	791	359	328	124	486	203
Complete plumbing for exclusive use		12 453	730	2 167	2 829	2 846	1 820	782	359	328	124	468	204
0.50 or less		7 043	473	1 343	1 671	1 488	1 095	312	165	117	64	315	195
0.51 to 1.00		4 856	185	779	1 002	1 233	648	421	178	211	53	146	214
1.01 to 1.50		446	36	26	143	119	67	36	12	—	7	209	...
1.51 or more		108	36	19	13	6	10	13	4	—	7	—	139
Locking complete plumbing for exclusive use		306	86	63	68	42	20	9	—	—	—	18	147
0.50 or less		127	36	35	20	13	13	2	—	—	—	8	133
0.51 to 1.00		156	50	28	37	17	7	7	—	—	—	10	145
1.01 to 1.50		11	—	—	11	—	—	—	—	—	—	—	213
1.51 or more		12	—	—	—	12	—	—	—	—	—	—	213
Income in 1979 below poverty level		3 707	440	692	922	695	387	229	62	107	50	123	183
Complete plumbing for exclusive use		3 614	416	676	908	677	380	222	62	107	50	116	183
1.01 or more persons per room		292	50	32	71	77	34	14	—	—	7	7	194
Locking complete plumbing for exclusive use		93	24	16	14	18	7	7	—	—	—	7	184
1.01 or more persons per room		7	—	—	—	7	—	—	—	—	—	—	213
BEDROOMS													
None		342	106	136	70	22	7	—	—	—	—	1	122
1		4 114	419	1 049	1 405	864	199	18	—	6	12	142	167
2		5 899	203	923	1 169	1 569	1 173	406	163	95	16	182	218
3		1 907	70	89	222	354	414	264	152	184	40	118	266
4		448	18	30	29	70	37	101	42	22	56	43	309
5 or more		49	—	3	2	9	10	2	2	21	—	—	313
UNITS IN STRUCTURE													
1, detached or attached		5 193	121	510	971	1 269	854	530	230	242	100	366	230
2		1 922	91	320	612	333	293	112	64	50	10	37	189
3 and 4		1 633	97	479	536	272	170	36	12	6	7	18	167
5 to 9		1 494	182	414	345	259	191	34	42	27	—	—	172
10 to 49		1 766	262	438	316	436	214	70	6	—	7	17	178
50 or more		305	27	46	7	158	65	2	—	—	—	—	220
Mobile home or trailer, etc.		446	36	23	110	161	53	7	5	3	—	48	207
YEAR STRUCTURE BUILT													
1975 to March 1980		695	75	49	58	204	103	60	95	23	15	13	242
1970 to 1974		1 268	60	174	167	371	296	93	30	20	27	232	...
1960 to 1969		2 553	47	462	453	683	438	160	77	111	32	90	218
1950 to 1959		2 370	175	441	519	543	373	125	50	73	14	57	202
1940 to 1949		1 817	145	282	449	433	217	157	58	14	—	62	200
1939 or earlier		4 056	314	822	1 251	654	413	196	49	77	43	237	178
STORIES IN STRUCTURE													
1 to 3		12 566	791	2 184	2 826	2 849	1 833	791	359	328	124	481	204
4 or more		193	25	46	71	39	7	—	—	—	—	5	166
With elevator		90	—	39	24	27	—	—	—	—	—	—	159
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979													
Less than 15 percent		2 519	258	693	633	472	264	145	26	28	—	—	179
15 to 19 percent		2 091	167	408	447	446	381	106	89	28	19	—	202
20 to 24 percent		1 459	76	202	356	351	200	144	48	82	—	—	211
25 to 29 percent		1 157	103	168	211	287	229	54	66	13	26	—	216
30 to 34 percent		896	33	136	180	246	187	63	21	30	—	—	220
35 to 49 percent		1 485	55	188	338	398	230	160	33	57	26	—	222
50 percent or more		2 514	117	389	714	659	324	112	69	82	48	—	203
Not computed		638	7	46	18	29	25	7	7	8	5	486	216
Median		25.0	19.4	19.9	25.1	27.8	26.4	24.9	26.0	31.5	43.9	—	—
SELECTED CHARACTERISTICS													
Heating equipment		12 759	816	2 230	2 897	2 888	1 840	791	359	328	124	486	203
Central heating system		10 771	623	1 845	2 275	2 502	1 683	703	338	300	102	400	208
Air conditioning		4 900	170	498	935	1 314	940	359	204	151	75	254	229
Central system		1 877	89	76	227	432	483	202	157	83	56	72	258

Table A-3. Income and Poverty Status in 1979 of Owner-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and 8.]

The SMSA

Owner-occupied housing units	Household income in 1979													Income in 1979 below poverty level
	Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)	Mean (dollars)		
		31 222	2 709	4 227	2 190	1 981	4 673	4 919	6 350	2 909	1 264	19 823	21 772	
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER														
Married-couple families	22 705	633	1 882	1 321	1 371	3 689	4 171	5 728	2 709	1 201	22 864	25 239	755	
15 to 24 years	805	37	110	69	68	183	162	135	40	1	17 821	18 216	62	
25 to 34 years	4 551	84	171	167	288	1 074	1 149	1 222	292	104	21 966	23 194	135	
35 to 44 years	4 921	53	162	123	222	668	977	1 618	832	266	26 322	28 728	116	
45 to 64 years	9 065	201	545	452	366	1 249	1 614	2 495	1 427	716	25 426	28 226	237	
65 years and over	3 363	258	894	510	427	515	269	258	118	114	12 614	16 527	205	
Male householder, no wife present	2 438	315	381	238	223	403	417	349	78	34	15 738	16 638	219	
15 to 24 years	188	15	48	40	24	13	14	28	—	6	11 937	14 640	22	
25 to 34 years	508	31	49	55	67	136	98	61	5	6	16 667	17 340	27	
35 to 44 years	476	6	28	34	21	94	136	123	34	—	21 563	21 801	11	
45 to 64 years	713	73	76	61	70	135	129	124	36	9	17 421	18 094	80	
65 years and over	553	190	180	48	41	25	40	13	3	13	6 833	10 352	79	
Female householder, no husband present	6 079	1 761	1 964	631	387	581	331	273	122	29	8 253	10 884	1 080	
15 to 24 years	104	22	42	23	—	11	6	—	—	—	9 000	9 202	20	
25 to 34 years	557	101	208	49	46	78	15	46	8	6	9 380	11 963	144	
35 to 44 years	677	93	150	137	72	118	73	16	18	—	11 743	12 836	117	
45 to 64 years	2 013	513	548	246	145	258	127	134	40	2	9 478	11 628	404	
65 years and over	2 728	1 032	1 016	176	124	116	110	77	56	21	6 495	9 694	395	
Median age	49.7	66.8	64.7	59.9	54.0	44.5	43.5	44.5	47.0	50.2	...	...	57.8	
YEAR HOUSEHOLDER MOVED INTO UNIT														
1979 to March 1980	3 363	195	482	290	220	577	567	663	292	77	19 322	21 057	236	
1975 to 1978	7 583	446	670	410	500	1 244	1 471	1 762	794	286	21 622	23 513	426	
1970 to 1974	5 309	364	442	337	288	866	873	1 287	577	275	21 839	24 254	333	
1960 to 1969	7 449	470	890	452	412	1 034	1 220	1 723	877	371	22 071	23 630	360	
1959 or earlier	7 518	1 234	1 743	701	561	952	788	915	369	255	12 861	16 743	699	
SELECTED CHARACTERISTICS														
Complete plumbing for exclusive use	31 069	2 674	4 185	2 172	1 963	4 657	4 900	6 345	2 909	1 264	19 877	21 822	2 030	
1.01 or more persons per room	615	18	32	39	71	147	86	168	37	17	20 028	21 885	67	
Locking complete plumbing for exclusive use	153	35	42	18	18	16	19	5	—	—	9 963	11 593	24	
1.01 or more persons per room	14	—	—	7	—	7	—	—	—	—	18 750	19 165	—	
Heating equipment	31 211	2 709	4 220	2 190	1 981	4 673	4 915	6 350	2 909	1 264	19 824	21 776	2 054	
Central heating system	28 048	2 157	3 572	1 916	1 737	4 203	4 529	5 962	2 757	1 215	20 452	22 459	1 572	
Air conditioning	17 625	953	1 886	1 085	962	2 551	2 844	4 163	2 123	1 058	22 341	24 879	666	
Central system	8 149	280	624	420	298	938	1 193	2 187	1 345	864	26 315	30 038	215	
Vehicles available	29 605	1 906	3 612	2 139	1 917	4 631	4 889	6 350	2 897	1 264	20 570	22 612	1 642	
1	9 376	1 436	2 381	1 269	823	1 496	992	682	204	93	11 716	14 103	999	
2 or more	20 229	470	1 231	870	1 094	3 135	3 897	5 668	2 693	1 171	24 231	26 556	643	
House heating fuel	31 211	2 709	4 220	2 190	1 981	4 673	4 915	6 350	2 909	1 264	19 824	21 776	2 054	
Utility gas	19 706	1 905	3 062	1 527	1 367	2 940	2 924	3 672	1 623	686	18 382	20 462	1 453	
Bottled, tank, or LP gas	732	78	126	101	29	100	109	141	42	6	16 026	17 481	62	
Electricity	7 236	385	503	352	359	1 059	1 297	1 851	1 002	428	23 525	26 104	285	
Fuel oil, kerosene, etc.	2 930	309	479	195	190	512	468	500	160	117	17 963	20 077	221	
Other	607	32	50	15	36	62	117	186	82	27	24 696	26 208	33	
Median rooms	5.5	4.9	4.9	5.1	5.2	5.4	5.6	5.9	6.5	7.1	...	...	5.0	
Specified owner-occupied housing units	26 072	2 117	3 369	1 790	1 602	3 885	4 191	5 563	2 522	1 033	20 301	22 128	1 593	
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS														
With a mortgage	19 319	998	1 725	1 182	1 114	3 092	3 509	4 769	2 155	775	22 069	23 803	979	
Less than \$200	5 028	519	840	581	425	851	828	674	231	79	15 748	17 572	382	
\$200 to \$249	3 627	198	276	210	219	745	687	914	336	42	21 123	21 719	197	
\$250 to \$299	3 091	140	281	133	216	522	546	882	300	71	22 216	22 878	170	
\$300 to \$349	2 131	31	125	95	118	343	463	655	206	95	23 348	25 258	68	
\$350 to \$399	1 809	37	91	83	89	257	393	535	266	58	24 354	25 556	60	
\$400 to \$449	1 936	49	61	57	34	245	360	623	367	140	26 569	29 848	59	
\$500 to \$599	923	7	51	16	8	98	144	280	222	97	29 797	32 718	26	
\$600 to \$749	458	5	—	7	—	29	52	153	165	47	32 996	35 281	5	
\$750 or more	316	12	—	—	5	2	36	53	62	146	31 547	36 376	12	
Median	\$266	\$195	\$204	\$202	\$230	\$247	\$272	\$295	\$351	\$435	...	...	\$227	
Not mortgaged	6 753	1 119	1 644	608	488	793	682	794	367	258	12 528	17 335	614	
Less than \$50	59	40	13	—	6	—	—	—	—	—	3 990	5 080	20	
\$50 to \$74	712	283	261	39	23	41	31	22	3	9	6 185	8 820	137	
\$75 to \$99	1 807	379	573	189	98	214	175	131	45	3	9 583	12 279	212	
\$100 to \$124	1 837	233	383	186	253	273	153	240	74	42	13 651	16 402	140	
\$125 to \$149	1 244	124	266	109	84	139	194	178	121	29	16 912	18 759	76	
\$150 to \$199	767	52	114	70	10	101	113	170	77	60	21 825	23 848	15	
\$200 to \$249	173	6	21	7	—	19	10	31	29	50	33 265	45 431	12	
\$250 or more	154	2	13	8	14	6	6	22	18	65	42 836	56 333	2	
Median	\$111	\$91	\$99	\$110	\$112	\$122	\$126	\$138	\$188	...	...	...	\$93	
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979														
With a mortgage	19 319	998	1 725	1 182	1 114	3 092	3 509	4 769	2 155	775	22 069	23 803	979	
Less than 15 percent	8 788	—	71	143	224	1 084	1 746	3 194	1 643	683	28 130	31 197	13	
15 to 19 percent	4 029	6	217	321	342	852	883	970	378	60	21 536	23 023	17	
20 to 24 percent	2 241	18	232	229	202	543	497	391	103	26	18 944	19 708	23	
25 to 29 percent	1 383	37	225	179	181	355	242	133	25	6	15 882	16 640	39	
30 to 34 percent	697	41	204	103	97	130	69	53	—	—	12 513	13 585	35	
35 percent or more	2 108	823	776	207	68	128	72	28	6	—	6 641	7 755	779	
Not computed	73	—	73	—	—	—	—	—	—	—	2500	—778	73	
Median	16.0	50+	32.9	22.8	19.9	17.7	15.0	12.9	11.1	10—	...	...	50+	
Not mortgaged	6 753	1 119	1 644	608	488	793	682	794	367	258	12 528	17 335	614	
Less than 10 percent	3 117	—	87	145	224	635	638	772	358	258	23 433	28 399	5	
10 to 14 percent	1 340	46	524	321	242	138	38	22	9	—	10 779	11 512	23	
15 to 19 percent	771	91	545	107	8	14	6	—	—	—	7 818	7 977	16	
20 to 24 percent	503	196	274	27	—	6	—	—	—	—	5 694	6 001	64	
25 to 29 percent	306	163	129	—	14	—	—	—	—	—	4 847	5 279</td		

Table A-4. Income and Poverty Status in 1979 of Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.]

The SMSA

	Household income in 1979												Income in 1979 below poverty level
	Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)	Mean (dollars)	
		13 448	3 323	3 625	1 486	1 099	1 890	1 035	727	196	67	9 678	11 731	3 830
Renter-occupied housing units													
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families													
15 to 24 years	5 065	470	1 166	564	555	1 042	650	456	149	13	13 998	15 025	721
25 to 34 years	1 399	163	458	195	180	289	85	27	2	—	11 006	11 564	212
35 to 44 years	1 833	171	270	235	236	399	293	186	37	6	15 052	15 558	299
45 to 64 years	760	40	154	47	57	177	135	118	27	5	17 694	17 891	98
65 years and over	762	59	114	41	49	171	118	125	83	2	18 662	19 520	73
Male householder, no wife present	311	37	170	46	33	6	19	—	—	—	8 725	9 442	39
15 to 24 years	3 020	624	768	440	243	461	232	174	32	46	10 670	13 328	734
25 to 34 years	1 247	326	356	154	110	158	72	50	15	6	9 169	10 608	489
35 to 44 years	940	99	207	188	107	169	94	56	3	17	12 181	16 272	110
45 to 64 years	252	5	44	37	18	70	27	38	7	6	16 375	18 473	5
65 years and over	399	99	114	46	8	45	39	24	7	17	9 196	14 389	79
Female householder, no husband present	182	95	47	15	—	19	6	—	—	—	4 889	7 301	51
15 to 24 years	5 363	2 229	1 691	482	301	387	153	97	15	8	6 249	7 721	2 375
25 to 34 years	1 612	770	506	147	59	93	37	—	—	—	5 347	6 362	1 007
35 to 44 years	1 208	398	378	137	104	140	34	15	2	—	7 418	8 546	478
45 to 64 years	439	114	180	27	42	39	15	22	—	—	7 809	9 263	177
65 years and over	920	335	270	86	59	80	42	34	6	8	7 583	9 300	310
Median age	1 184	612	357	85	37	35	25	26	7	—	4 885	6 931	403
30.2	30.5	29.4	28.3	28.6	29.8	32.0	36.4	45.7	42.0	—	—	—	27.0
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980	7 305	1 846	1 995	899	625	1 014	508	308	72	38	9 523	11 060	2 351
1975 to 1978	4 001	893	980	412	371	645	367	261	50	22	10 774	12 931	968
1970 to 1974	1 017	236	308	99	40	136	81	86	27	4	9 343	12 159	244
1960 to 1969	717	193	246	53	50	68	39	44	24	—	7 632	11 023	151
1959 or earlier	408	155	96	23	13	27	40	28	23	3	7 500	12 164	116
PLUMBING FACILITIES BY PERSONS PER ROOM													
Complete plumbing for exclusive use	13 137	3 227	3 521	1 427	1 088	1 858	1 029	724	196	67	9 735	11 811	3 737
0.50 or less	7 467	2 100	2 010	811	540	1 015	440	414	107	30	8 921	10 989	1 796
0.51 to 1.00	5 104	971	1 366	564	499	752	547	284	89	32	10 953	13 070	1 649
1.01 to 1.50	458	106	117	43	49	85	32	21	—	5	10 349	11 994	210
1.51 or more	108	50	28	9	—	6	10	5	—	—	5 435	8 349	82
Lacking complete plumbing for exclusive use	311	96	104	59	11	32	6	3	—	—	7 633	8 355	93
0.50 or less	127	48	30	25	9	9	6	—	—	—	7 583	8 602	18
0.51 to 1.00	161	48	74	27	2	7	—	3	—	—	6 935	7 226	68
1.01 to 1.50	11	—	—	—	—	11	—	—	—	—	16 250	15 210	—
1.51 or more	12	—	—	7	—	5	—	—	—	—	12 143	14 615	7
SELECTED CHARACTERISTICS													
Heating equipment	13 448	3 323	3 625	1 486	1 099	1 890	1 035	727	196	67	9 678	11 731	3 830
Central heating system	11 264	2 594	2 934	1 289	964	1 628	965	664	168	58	10 202	12 197	2 992
Air conditioning	5 119	879	1 160	659	437	870	520	456	94	44	11 975	13 850	849
Control system	1 937	325	425	274	147	328	219	161	40	18	11 994	13 914	323
Vehicles available	11 240	1 966	3 032	1 371	1 073	1 841	1 002	692	196	67	11 134	12 963	2 619
1	6 753	1 543	2 213	891	623	848	369	211	25	30	9 083	10 400	1 770
2 or more	4 487	423	819	480	450	993	633	481	171	37	15 359	16 820	849
House heating fuel	13 448	3 323	3 625	1 486	1 099	1 890	1 035	727	196	67	9 678	11 731	3 830
Utility gas	8 578	2 334	2 502	942	604	1 090	585	393	91	37	8 891	11 030	2 772
Bottled, tank, or LP gas	319	59	132	23	39	32	1	17	16	—	8 079	10 713	68
Electricity	3 570	691	810	429	376	584	330	260	65	25	11 655	13 100	679
Fuel oil, kerosene, etc.	755	169	151	58	50	146	110	57	14	—	12 478	13 450	227
Other	226	70	30	34	30	38	9	—	10	5	10 956	12 437	84
Median rooms	4.1	3.6	3.9	4.1	4.3	4.3	4.6	5.0	5.5	4.8	—	—	3.9
Specified renter-occupied housing units	12 759	3 179	3 529	1 437	1 045	1 685	956	676	185	67	9 517	11 603	3 707
CONTRACT RENT													
Less than \$100	1 693	796	469	87	76	131	75	52	—	7	5 393	7 645	799
\$100 to \$149	3 878	1 001	1 274	483	308	480	168	124	35	5	8 729	10 052	1 013
\$150 to \$199	3 601	811	996	453	376	526	288	128	23	—	9 968	11 007	984
\$200 to \$249	1 931	320	419	265	176	282	234	152	50	33	12 137	15 648	403
\$250 to \$299	655	48	153	65	29	137	88	84	46	5	16 533	17 536	181
\$300 to \$349	275	27	55	16	20	49	48	47	13	—	16 434	17 159	109
\$350 to \$399	102	15	7	16	11	12	6	33	2	—	16 917	16 946	26
\$400 to \$499	94	5	34	—	3	17	20	13	2	—	16 235	16 725	48
\$500 or more	44	9	10	—	17	2	—	—	6	6	12 941	14 743	21
No cash rent	486	147	112	52	29	49	29	43	14	11	8 400	12 587	123
Median	\$155	\$139	\$149	\$156	\$162	\$169	\$185	\$203	\$220	\$215	—	—	\$149
GROSS RENT													
Less than \$100	B16	494	226	25	13	35	23	—	—	—	4 163	5 261	440
\$100 to \$149	2 230	713	721	294	178	198	75	46	—	5	7 715	8 770	692
\$150 to \$199	2 897	822	893	332	221	417	120	89	—	3	8 326	9 648	922
\$200 to \$249	2 888	615	892	330	281	368	213	129	48	12	9 684	12 244	695
\$250 to \$299	1 840	255	379	255	199	323	256	151	9	13	12 889	13 931	387
\$300 to \$349	791	48	198	93	43	159	97	74	67	12	15 544	17 658	229
\$350 to \$399	359	52	31	21	25	B1	70	57	17	5	17 617	18 485	62
\$400 to \$499	328	19	55	35	36	32	53	74	24	—	16 979	18 612	107
\$500 or more	124	14	22	—	20	23	20	13	6	6	17 976	18 282	50
No cash rent	486	147	112	52	29	49	29	43	14	11	8 400	12 587	123
Median	\$203	\$166	\$191	\$205	\$215	\$222	\$255	\$265	\$321	\$279	—	—	\$183
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979													
Less than 15 percent	2 519	31	152	195	229	686	522	491	163	50	19 784	22 381	91
15 to 19 percent	2 091	98	371	342	325	556	291	94	—	6	14 304	14 782	106
20 to 24 percent	1 459	50	464	332	232	258	81	42	—	—	11 623	12 267	138
25 to 29 percent	1 157	124	537	231	150	76	33	6	—	—	9 347	9 777	145
30 to 34 percent	B96	102	550	190	19	35	—	—	—	—	8 259	8 329	190
35 to 49 percent	1 485	333	1 004	79	44	25	—	—	—	—	6 570	6 839	594
50 percent or more	2 514	2 142	339	16	17	—	—	—	—	—	2 948	3 108	2 168
Not computed	638	299	112	52	29	49	29	43	14	11	5 575	9 588	275
Median	25.0	50+	31.7	22.3	19.3	16.2	14.2	12.0	10.7	10—	—	—	50+

Table A-5. Selected Monthly Owner Costs for Mortgaged Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

The SMSA		Total	Less than \$200	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 to \$599	\$600 to \$749	\$750 or more	Median (dollars)
Specified owner-occupied housing units -----		19 319	5 028	3 627	3 091	2 131	1 809	1 936	923	458	316	266
PERSONS IN UNIT												
1 person -----		1 886	914	365	219	134	110	87	40	10	7	204
2 persons -----		5 412	1 996	1 058	749	454	418	439	174	78	46	234
3 persons -----		4 158	1 054	712	667	445	473	440	212	119	36	273
4 persons -----		4 819	649	900	926	698	453	623	322	142	106	296
5 persons -----		2 045	256	451	320	283	261	212	107	73	82	299
6 persons -----		686	103	98	109	99	54	106	58	31	28	317
7 persons -----		206	31	22	81	11	31	14	—	5	11	281
8 or more persons -----		107	25	21	20	7	9	15	10	—	—	269
Median -----		3.07	2.30	3.05	3.37	3.55	3.30	3.50	3.61	3.65	4.15	...
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER												
Married-couple families -----		15 324	3 452	2 861	2 446	1 794	1 557	1 677	819	426	292	278
15 to 24 years -----		572	110	99	87	80	121	56	12	7	—	294
25 to 34 years -----		3 970	355	684	651	608	576	591	276	161	68	324
35 to 44 years -----		4 108	523	811	686	523	447	507	327	153	131	303
45 to 64 years -----		5 776	1 874	1 119	939	552	408	482	204	105	93	245
65 years and over -----		898	590	148	83	31	5	41	—	—	—	169
Male householder, no wife present -----		1 308	399	260	257	130	71	132	47	2	10	249
15 to 24 years -----		98	19	38	28	7	2	2	2	—	—	239
25 to 34 years -----		339	87	68	55	40	21	49	14	—	5	263
35 to 44 years -----		352	64	70	81	27	31	50	25	2	2	276
45 to 64 years -----		405	152	78	76	49	17	24	6	—	3	232
65 years and over -----		114	77	6	17	7	—	7	—	—	—	150
Female householder, no husband present -----		2 687	1 177	506	388	207	181	127	57	30	14	216
15 to 24 years -----		59	8	11	17	14	—	9	—	—	—	281
25 to 34 years -----		422	123	63	58	44	56	34	24	13	7	272
35 to 44 years -----		549	126	87	147	67	76	29	5	7	5	271
45 to 64 years -----		1 015	458	253	136	59	30	39	28	10	2	210
65 years and over -----		642	462	92	30	23	19	16	—	—	—	160
Median age -----		43.2	55.5	43.8	41.6	39.2	37.1	38.2	38.0	37.6	40.8	...
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980 -----		2 262	159	238	322	268	313	394	275	185	108	373
1975 to 1978 -----		5 806	633	898	876	895	831	944	442	170	117	328
1970 to 1974 -----		3 808	782	812	849	488	356	302	108	60	51	268
1960 to 1969 -----		5 016	1 818	1 307	836	386	266	246	83	41	33	226
1959 or earlier -----		2 427	1 636	372	208	94	43	50	15	2	7	169
ROOMS												
1 to 3 rooms -----		210	99	42	21	27	12	9	—	—	—	207
4 rooms -----		2 178	1 219	434	271	118	57	61	18	—	—	189
5 rooms -----		6 011	1 990	1 501	1 017	532	471	337	146	12	5	234
6 rooms -----		5 461	1 166	945	1 002	831	602	612	169	103	31	281
7 rooms -----		2 943	379	474	462	411	383	421	274	111	28	319
8 or more rooms -----		2 516	175	231	318	212	284	496	316	232	252	408
Median -----		5.7	5.1	5.4	5.7	6.0	6.1	6.4	7.0	7.5	8.5+	...
YEAR STRUCTURE BUILT												
1975 to March 1980 -----		1 572	23	45	86	108	213	397	347	203	150	478
1970 to 1974 -----		1 618	81	155	300	234	245	281	175	112	35	358
1960 to 1969 -----		4 835	772	1 043	825	658	553	598	202	101	83	287
1950 to 1959 -----		4 460	1 362	935	802	531	326	339	111	26	28	246
1940 to 1949 -----		2 343	975	540	358	174	135	116	28	6	11	218
1939 or earlier -----		4 491	1 815	909	720	426	337	205	60	10	9	224
VALUE												
Less than \$10,000 -----		622	524	55	26	14	3	—	—	—	—	149
\$10,000 to \$19,999 -----		3 165	1 696	757	398	189	70	47	8	—	—	194
\$20,000 to \$29,999 -----		4 129	1 456	1 109	863	360	219	111	6	5	—	227
\$30,000 to \$39,999 -----		3 809	752	924	730	548	515	262	60	11	7	266
\$40,000 to \$49,999 -----		2 710	385	462	499	463	339	415	122	15	10	301
\$50,000 to \$59,999 -----		1 871	119	197	303	273	311	410	218	35	5	357
\$60,000 to \$79,999 -----		1 970	89	101	254	245	266	440	311	224	40	407
\$80,000 to \$99,999 -----		673	7	22	14	31	84	175	164	84	92	502
\$100,000 to \$149,999 -----		299	—	—	4	6	2	76	34	78	99	653
\$150,000 or more -----		71	—	—	—	2	—	—	6	6	63	750+
Median -----		\$34 100	\$21 400	\$28 900	\$33 400	\$39 000	\$42 300	\$52 600	\$61 900	\$73 100	\$101 900	...
SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979												
Less than 15 percent -----		8 788	3 093	2 196	1 508	849	479	421	141	34	67	230
15 to 19 percent -----		4 029	753	662	619	545	529	506	250	109	56	298
20 to 24 percent -----		2 241	367	197	318	296	330	416	171	98	48	340
25 to 29 percent -----		1 383	212	148	173	147	161	287	128	89	38	354
30 to 34 percent -----		697	117	97	83	92	77	96	61	56	18	328
35 percent or more -----		2 108	470	307	376	192	226	204	172	72	89	287
Not computed -----		73	16	20	14	10	7	6	—	—	—	252
Median -----		16.0	12.7	13.5	15.2	16.9	19.0	20.5	22.1	24.4	23.6	...
SELECTED CHARACTERISTICS												
Heating equipment -----		19 319	5 028	3 627	3 091	2 131	1 809	1 936	923	458	316	266
Steam or hot water system -----		657	128	96	156	56	97	62	22	9	31	283
Central warm-air furnace or electric heat pump -----		12 898	3 374	2 428	2 034	1 411	1 117	1 329	660	302	243	266
Other built-in electric units -----		3 511	539	659	549	497	454	438	216	117	42	301
Floor, wall, or pipeless furnace -----		649	322	166	78	28	33	9	8	5	—	201
Other means -----		1 604	665	278	274	139	108	98	17	25	—	225
Air conditioning -----		11 203	2 417	1 836	1 791	1 194	1 107	1 433	728	397	300	288
Central system -----		5 370	648	523	605	580	699	1 056	598	369	292	374
1 or more individual room units -----		5 833	1 769	1 313	1 186	614	408	377	130	28	8	244
House heating fuel -----		19 319	5 028	3 627	3 091	2 131	1 809	1 936	923	458	316	266
Utility gas -----		12 585	4 066	2 522	2 145	1 267	1 036	938	372	135	104	244
Bottled, tank, or LP gas -----		185	23	53	20	10	44	20	6	—	9	291
Electricity -----		4 976	595	716	670	615	575	807	509	302	187	341
Fuel oil, kerosene, etc. -----		1 201	285	273	176	193	85	137	31	5	16	262
Other -----		372	59	63	80	46	69	34	5	16	—	290

Table A—6. Selected Monthly Owner Costs for Not Mortgaged Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and 8.]

The SMSA	Total	Less than \$50	\$50 to \$74	\$75 to \$99	\$100 to \$124	\$125 to \$149	\$150 to \$199	\$200 to \$249	\$250 or more	Median (dollars)
Specified owner-occupied housing units -----	6 753	59	712	1 807	1 837	1 244	767	173	154	111
PERSONS IN UNIT										
1 person -----	2 201	42	441	699	531	308	124	20	36	97
2 persons -----	3 218	13	226	902	886	664	376	84	67	113
3 persons -----	737	4	30	84	296	138	133	32	20	121
4 persons -----	372	—	9	83	97	78	70	24	11	124
5 persons -----	157	—	6	29	17	54	24	13	14	137
6 persons -----	45	—	—	6	5	—	28	—	6	171
7 persons -----	18	—	—	4	5	2	7	—	—	125
8 or more persons -----	5	—	—	—	—	—	5	—	—	175
Median -----	1.87	1.20	1.31	1.73	1.94	1.97	2.19	2.29	2.11	...
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER										
Morried-couple families -----	3 952	—	204	959	1 178	808	576	121	106	117
15 to 24 years -----	27	—	5	10	12	—	—	—	—	96
25 to 34 years -----	98	—	14	26	23	16	14	—	5	110
35 to 44 years -----	201	—	—	28	69	46	46	12	—	127
45 to 64 years -----	1 885	—	67	341	552	479	337	63	46	124
65 years and over -----	1 741	—	118	554	522	267	179	46	55	110
Male householder, no wife present -----	544	27	109	162	106	105	18	11	6	96
15 to 24 years -----	6	—	—	—	—	—	—	—	6	250+
25 to 34 years -----	31	9	—	14	—	8	—	—	—	87
35 to 44 years -----	39	—	—	12	16	6	—	5	—	112
45 to 64 years -----	147	6	31	48	38	18	6	—	—	94
65 years and over -----	321	12	78	88	52	73	12	6	—	95
Female householder, no husband present -----	2 257	32	399	686	553	331	173	41	42	101
15 to 24 years -----	10	—	—	—	—	4	—	—	6	250+
25 to 34 years -----	46	—	6	28	7	5	—	—	—	90
35 to 44 years -----	36	6	—	3	12	—	7	8	—	119
45 to 64 years -----	639	—	66	178	145	148	90	12	36	113
65 years and over -----	1 526	26	327	477	389	174	76	21	36	96
Median age -----	66.0	73.5	72.9	67.8	65.7	60.9	60.7	61.6	67.3	...
YEAR HOUSEHOLDER MOVED INTO UNIT										
1979 to March 1980 -----	311	13	38	68	74	61	37	17	3	112
1975 to 1978 -----	591	2	52	162	135	95	88	27	30	115
1970 to 1974 -----	685	2	59	121	198	155	95	8	47	120
1960 to 1969 -----	1 426	—	74	291	403	321	242	42	53	122
1959 or earlier -----	3 740	42	489	1 165	1 027	612	305	79	21	104
ROOMS										
1 to 3 rooms -----	129	2	30	70	16	—	—	11	—	87
4 rooms -----	1 748	8	359	692	395	199	81	8	6	93
5 rooms -----	2 382	21	242	648	809	410	216	27	9	109
6 rooms -----	1 475	11	42	295	405	417	282	13	10	124
7 rooms -----	686	10	32	74	182	158	123	29	78	132
8 or more rooms -----	333	7	7	28	30	60	65	85	51	177
Median -----	5.1	5.4	4.4	4.7	5.1	5.5	5.8	7.4	7.2	...
YEAR STRUCTURE BUILT										
1975 to March 1980 -----	138	—	15	41	35	19	10	—	18	109
1970 to 1974 -----	243	2	5	41	79	53	32	20	11	123
1960 to 1969 -----	904	—	56	107	238	222	215	26	40	131
1950 to 1959 -----	1 583	6	111	380	430	356	227	44	29	117
1940 to 1949 -----	1 104	8	104	355	297	173	128	20	19	107
1939 or earlier -----	2 781	43	421	883	758	421	155	63	37	101
VALUE										
Less than \$10,000 -----	567	15	164	183	112	65	28	—	—	89
\$10,000 to \$19,999 -----	1 631	22	304	654	340	216	73	12	10	94
\$20,000 to \$29,999 -----	1 778	22	151	571	584	281	117	30	22	106
\$30,000 to \$39,999 -----	1 169	—	56	279	412	250	146	15	11	115
\$40,000 to \$49,999 -----	766	—	22	97	220	267	153	7	—	129
\$50,000 to \$59,999 -----	358	—	15	12	120	86	111	7	7	134
\$60,000 to \$79,999 -----	297	—	—	11	36	58	98	53	41	172
\$80,000 to \$99,999 -----	102	—	—	—	6	21	21	30	24	205
\$100,000 to \$149,999 -----	61	—	—	—	7	—	18	11	25	225
\$150,000 or more -----	24	—	—	—	—	—	2	8	14	250+
Median -----	\$25 800	\$18 600	\$16 500	\$20 800	\$27 800	\$33 700	\$41 100	\$71 300	\$75 600	...
SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979										
Less than 10 percent -----	3 117	19	242	772	877	628	395	110	74	115
10 to 14 percent -----	1 340	30	175	416	374	171	128	15	31	103
15 to 19 percent -----	771	—	114	189	203	187	58	14	6	110
20 to 24 percent -----	503	2	95	153	105	67	68	7	6	100
25 to 29 percent -----	306	—	47	67	96	49	33	—	14	110
30 to 34 percent -----	242	—	10	95	78	18	25	8	8	105
35 percent or more -----	417	8	17	89	95	114	60	19	15	125
Not computed -----	57	—	12	26	9	10	—	—	—	91
Median -----	10.9	11.7	13.1	11.4	10.5	10—	10—	10—	10.5	...
SELECTED CHARACTERISTICS										
Heating equipment -----	6 746	59	712	1 807	1 830	1 244	767	173	154	111
Steam or hot water system -----	289	6	16	42	63	64	72	9	17	132
Central warm-air furnace or electric heat pump -----	4 231	21	387	1 136	1 170	773	504	135	105	112
Other built-in electric units -----	871	15	39	141	320	213	123	7	13	119
Floor, wall, or pipeless furnace -----	342	—	95	137	82	20	2	6	—	89
Other means -----	1 013	17	175	351	195	174	66	16	19	97
Air conditioning -----	3 611	24	249	892	933	727	535	128	123	117
Central system -----	1 529	—	42	259	369	364	271	107	117	131
1 or more individual room units -----	2 082	24	207	633	564	363	264	21	6	108
House heating fuel -----	6 746	59	712	1 807	1 830	1 244	767	173	154	111
Utility gas -----	4 749	29	570	1 442	1 256	751	509	116	76	107
Bottled, tank, or LP gas -----	138	—	6	47	35	26	13	11	—	111
Electricity -----	1 053	15	54	177	354	234	146	20	53	120
Fuel oil, kerosene, etc. -----	711	4	77	103	178	208	90	26	25	124
Other -----	95	11	5	38	7	25	—	—	—	96

Table A-7. Year Structure Built for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and 8.]

The SMSA

Occupied housing units	Owner-occupied housing units					Renter-occupied housing units						
	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	
		31 222	2 394	2 668	6 580	10 445		13 448	707	1 285	2 638	4 378	4 440
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER												
Married-couple families	22 705	1 932	2 086	5 366	7 530	5 791	5 065	204	472	1 174	1 730	1 485
15 to 24 years	805	115	120	147	300	123	1 399	98	172	451	499	179
25 to 34 years	4 551	706	674	856	1 518	797	1 833	86	197	369	676	505
35 to 44 years	4 921	592	593	1 416	1 385	935	760	6	20	176	251	307
45 to 64 years	9 065	446	591	2 540	3 166	2 322	762	14	55	115	181	397
65 years and over	3 363	73	108	407	1 161	1 614	311	—	28	63	123	97
Male householder, no wife present	2 438	175	270	332	808	853	3 020	195	271	535	902	1 117
15 to 24 years	188	19	50	36	40	43	1 247	98	94	261	406	388
25 to 34 years	508	47	68	48	204	141	940	60	119	169	286	306
35 to 44 years	476	66	82	59	116	153	252	20	36	55	20	121
45 to 64 years	713	28	63	144	260	218	399	15	22	37	106	219
65 years and over	553	15	7	45	188	298	182	2	—	13	84	83
Female householder, no husband present	6 079	287	312	882	2 107	2 491	5 363	308	542	929	1 746	1 838
15 to 24 years	104	15	18	10	33	28	1 612	46	153	325	665	423
25 to 34 years	557	45	74	112	177	149	1 208	73	116	247	400	372
35 to 44 years	677	55	39	215	198	170	439	31	80	54	150	124
45 to 64 years	2 013	119	75	309	781	729	920	40	104	118	214	444
65 years and over	2 728	53	106	236	918	1 415	1 184	118	89	185	317	475
Median age	49.7	38.2	39.1	47.1	51.3	58.4	30.2	30.4	29.0	27.9	28.5	35.7
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980	3 363	883	421	582	870	607	7 305	461	725	1 532	2 548	2 039
1975 to 1978	7 583	1 511	922	1 513	2 131	1 506	4 001	246	418	813	1 162	1 362
1970 to 1974	5 309	—	1 325	1 234	1 604	1 146	1 017	—	142	133	299	443
1960 to 1969	7 449	—	—	3 251	2 275	1 923	717	—	—	160	200	357
1959 or earlier	7 518	—	—	—	3 565	3 953	408	—	—	—	169	239
ROOMS												
1 room	29	—	8	2	12	7	195	—	15	15	55	110
2 rooms	59	—	2	27	13	17	839	36	79	188	289	247
3 rooms	455	37	44	82	149	143	3 096	211	218	478	1 092	1 097
4 rooms	5 295	268	516	628	2 472	1 411	4 475	292	661	1 118	1 286	1 118
5 rooms	9 850	548	686	1 981	3 718	2 917	2 686	102	184	551	998	851
6 rooms	7 940	568	591	2 086	2 595	2 100	1 215	53	89	159	399	515
7 or more rooms	7 594	973	821	1 774	1 486	2 540	942	13	39	129	259	502
Median	5.5	6.1	5.6	5.8	5.2	5.5	4.1	3.9	4.0	4.1	4.2	4.2
PLUMBING FACILITIES BY PERSONS PER ROOM												
Complete plumbing for exclusive use	31 069	2 394	2 662	6 571	10 422	9 020	13 137	705	1 270	2 603	4 302	4 257
0.50 or less	19 786	1 453	1 430	3 984	6 392	6 527	7 467	481	829	1 540	2 099	2 518
0.51 to 1.00	10 668	927	1 193	2 475	3 777	2 296	5 104	224	373	999	1 933	1 575
1.01 to 1.50	554	12	26	102	243	171	458	—	40	46	225	147
1.51 or more	61	2	13	10	26	108	—	—	28	18	45	17
Locking complete plumbing for exclusive use	153	—	6	9	23	115	311	2	15	35	76	183
0.50 or less	93	—	—	9	11	73	127	2	8	13	24	80
0.51 to 1.00	46	—	6	—	5	35	161	—	7	15	36	103
1.01 to 1.50	14	—	—	—	7	7	11	—	—	—	11	—
1.51 or more	—	—	—	—	—	—	12	—	—	7	5	—
PERSONS IN UNIT												
1 person	5 293	276	348	662	1 832	2 175	4 457	299	474	716	1 271	1 697
2 persons	10 528	655	612	2 201	3 811	3 249	3 981	237	409	1 049	1 216	1 070
3 persons	5 820	436	625	1 367	1 919	1 473	2 206	88	193	431	800	694
4 persons	5 764	637	710	1 471	1 697	1 249	1 553	58	119	289	578	509
5 persons	2 577	266	266	598	794	653	829	25	62	109	330	303
6 or more persons	1 240	124	107	281	392	336	422	—	28	44	183	167
Median	2.48	3.11	3.10	2.81	2.39	2.24	2.07	1.73	1.91	2.07	2.25	1.99
Total persons	89 745	7 790	8 385	20 204	29 116	24 250	30 516	1 370	2 609	5 780	10 761	9 996
UNITS IN STRUCTURE												
1, detached or attached	29 009	1 995	2 037	6 103	10 236	8 638	5 882	103	235	865	2 505	2 174
2	465	11	15	20	94	325	1 922	121	208	205	514	874
3 and 4	157	13	9	15	27	93	1 633	56	76	132	618	751
5 to 9	90	14	1	16	18	41	1 494	81	262	440	377	334
10 to 49	115	34	40	4	28	9	1 766	268	319	615	292	272
50 or more	16	—	7	—	2	7	305	17	41	187	39	21
Mobile home or trailer, etc.	1 370	327	559	422	40	22	446	61	144	194	33	14
SELECTED CHARACTERISTICS												
Heating equipment	31 211	2 394	2 668	6 580	10 445	9 124	13 448	707	1 285	2 638	4 378	4 440
Steam or hot water system	1 182	35	8	354	361	424	1 093	—	43	216	195	639
Central warm-air furnace or electric heat pump	20 607	1 630	1 564	4 059	7 324	6 030	6 901	321	563	1 260	2 493	2 264
Other built-in electric units	5 139	653	885	1 724	1 326	551	2 432	362	601	891	392	186
Floor, wall, or pipeless furnace	1 120	8	34	64	467	547	838	4	32	42	391	369
Other means	3 163	68	177	379	967	1 572	2 184	20	46	229	907	982
Air conditioning	17 625	1 799	1 869	4 247	5 949	3 761	5 119	592	904	1 451	1 113	1 059
Central system	8 149	1 551	1 273	2 185	2 526	884	1 937	343	523	692	195	184
1 or more individual room units	9 476	248	596	2 062	3 693	2 877	3 182	249	381	759	918	875
House heating fuel	31 211	2 394	2 668	6 580	10 445	9 124	13 448	707	1 285	2 638	4 378	4 440
Utility gas	19 706	314	1 132	3 906	7 528	6 826	8 578	72	391	1 113	3 372	3 630
Bottled, tank, or LP gas	732	107	125	138	127	235	319	21	26	62	95	115
Electricity	7 236	1 876	1 195	1 908	1 610	647	3 570	612	825	1 275	598	260
Fuel oil, kerosene, etc.	2 930	54	124	473	1 059	1 220	755	2	43	139	245	326
Other	607	43	92	155	121	196	226	—	—	49	68	109
Income in 1979 below poverty level	2 054	104	131	243	632	944	3 830	127	248	532	1 391	1 532
Percent below poverty level	6.6	4.3	4.9	3.7	6.1	10.3	28.5	18.0	19.3	20.2	31.8	34.5
HOUSEHOLD INCOME IN 1979												
Less than \$5,000	2 709	115	160	339	755	1 340	3 323	148	259	427	1 101	1 388
\$5,000 to \$9,999	4 227	155	245	471	1 472	1 884	3 625	189	282	680	1 367	1 107
\$10,000 to \$12,499	2 190	110	161	353	789	777	1 486	77	162	369	450	428
\$12,500 to \$14,999	1 981	111	120	330	748	672	1 099	64	145	273	291	326
\$15,000 to \$19,999	4 673	341	394	824	1 805	1 309	1 890	107	181	362	670	570
\$20,000 to \$24,999	4 919	421	435	1 107	1 785	1 171	1 035	50	148	284	254	299
\$25,000 to \$34,999	6 350	624	696	1 719	2 093	1 218	727	40	100	187	176	224
\$35,000 to \$49,999	2 909	368	324	1 026	674	517	196	25	2	39	62	68
\$50,000 or more	1 264	149	133	411	324	247	67	7	6	17		

Table A-8. Units in Structure for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and 8.]

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The SMSA	Owner-occupied housing units				Renter-occupied housing units							
	Total	1 unit, detached or attached	2 or more units	Mobile home or trailer, etc.	Total	1 unit, detached or attached	2 units	3 and 4 units	5 to 9 units	10 to 49 units	50 or more units	Mobile home or trailer, etc.
Occupied housing units												
Condominium housing units	31 222	29 009	843	1 370	13 448	5 882	1 922	1 633	1 494	1 766	305	446
96	5	91	—	—	84	—	—	—	19	65	—	—
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER												
Married-couple families	22 705	21 538	425	742	5 065	2 987	581	425	383	417	60	212
15 to 24 years	805	630	28	147	1 399	538	216	118	147	255	33	92
25 to 34 years	4 551	4 329	63	159	1 833	1 172	173	151	140	123	7	67
35 to 44 years	4 921	4 768	53	100	760	541	89	59	56	13	2	—
45 to 64 years	9 065	8 640	164	261	762	566	67	58	11	16	16	28
65 years and over	3 363	3 171	117	75	311	170	36	39	29	10	2	25
Male householder, no wife present	2 438	2 043	129	266	3 020	1 044	487	458	361	452	83	135
15 to 24 years	188	109	7	72	1 247	377	227	238	133	188	18	66
25 to 34 years	508	404	21	83	940	338	131	120	132	151	31	37
35 to 44 years	476	406	51	19	252	71	24	44	38	36	12	27
45 to 64 years	713	601	31	81	399	155	57	44	58	61	22	2
65 years and over	553	523	19	11	182	103	48	12	—	16	—	3
Female householder, no husband present	6 079	5 428	289	362	5 363	1 851	854	750	750	897	162	99
15 to 24 years	104	75	5	24	1 612	549	249	272	221	271	32	18
25 to 34 years	557	485	27	45	1 208	436	217	147	210	137	33	28
35 to 44 years	677	625	13	39	439	205	52	40	39	74	2	27
45 to 64 years	2 013	1 775	93	145	920	353	177	98	146	108	30	8
65 years and over	2 728	2 468	151	109	1 184	308	159	193	134	307	65	18
Median age	49.7	49.7	56.2	44.8	30.2	32.0	28.9	28.6	30.1	28.0	34.6	28.5
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980	3 363	2 798	141	424	7 305	2 902	1 158	973	897	1 004	128	243
1975 to 1978	7 583	6 917	197	469	4 001	1 819	504	421	428	553	116	160
1970 to 1974	5 309	4 864	107	338	1 017	564	121	83	51	121	54	23
1960 to 1969	7 449	7 159	168	122	717	320	108	112	97	58	2	20
1959 or earlier	7 518	7 271	230	17	408	277	31	44	21	30	5	—
ROOMS												
1 room	29	29	—	—	195	12	—	15	31	123	14	—
2 rooms	59	48	11	—	839	135	77	146	210	227	36	8
3 rooms	455	306	48	101	3 096	577	565	708	453	650	103	40
4 rooms	5 295	4 275	273	747	4 475	1 654	840	569	480	561	86	285
5 rooms	9 850	9 143	276	431	2 686	1 706	341	117	221	152	59	90
6 rooms	7 940	7 730	136	74	1 215	922	85	56	74	53	7	18
7 or more rooms	7 594	7 478	99	17	942	876	14	22	25	—	—	5
Median	5.5	5.6	4.8	4.3	4.1	4.8	3.9	3.4	3.6	3.5	4.1	—
PLUMBING FACILITIES BY PERSONS PER ROOM												
Complete plumbing for exclusive use	31 069	28 894	805	1 370	13 137	5 851	1 859	1 549	1 445	1 682	305	446
0.50 or less	19 786	18 341	557	888	7 467	2 901	1 117	858	921	1 115	245	310
0.51 to 1.00	10 668	10 001	207	460	5 104	2 664	657	624	481	493	60	125
1.01 to 1.50	554	498	41	15	458	250	72	61	37	27	—	11
1.51 or more	61	54	—	7	108	36	13	6	6	47	—	—
Locking complete plumbing for exclusive use	153	115	38	—	311	31	63	84	49	84	—	—
0.50 or less	93	78	15	—	127	9	33	27	25	33	—	—
0.51 to 1.00	46	30	16	—	161	17	19	57	17	51	—	—
1.01 to 1.50	14	7	7	—	11	—	11	—	—	—	—	—
1.51 or more	—	—	—	—	12	5	—	7	—	—	—	—
BEDROOMS												
None	37	37	—	—	342	40	11	41	70	160	20	—
1	1 153	885	155	113	4 197	915	734	942	608	826	140	32
2	10 713	9 307	406	1 000	6 139	2 698	1 066	552	628	708	136	351
3	15 523	15 049	224	250	2 145	1 679	105	80	148	61	9	63
4	3 202	3 157	41	4	547	484	6	9	37	11	—	—
5 or more	594	574	17	3	78	66	—	9	3	—	—	—
HOUSEHOLD INCOME IN 1979												
Less than \$5,000	2 709	2 373	157	179	3 323	1 143	488	585	433	545	68	61
\$5,000 to \$9,999	4 227	3 765	168	294	3 625	1 391	557	476	468	551	66	116
\$10,000 to \$12,499	2 190	1 970	50	170	1 486	587	190	217	179	179	70	64
\$12,500 to \$14,999	1 981	1 818	55	108	1 099	484	181	83	106	142	20	83
\$15,000 to \$19,999	4 673	4 317	110	246	1 890	1 082	230	174	121	208	18	57
\$20,000 to \$24,999	4 919	4 582	141	196	1 035	600	110	64	109	86	21	45
\$25,000 to \$34,999	6 350	6 130	100	120	727	421	120	16	67	43	42	18
\$35,000 to \$49,999	2 909	2 853	25	31	196	139	37	18	—	—	—	2
\$50,000 or more	1 264	1 201	37	26	67	35	9	—	11	12	—	—
Median	\$19 823	\$20 265	\$14 614	\$13 472	\$9 678	\$11 733	\$9 273	\$7 017	\$8 140	\$7 715	\$10 661	\$11 797
Mean	\$21 772	\$22 208	\$17 322	\$15 289	\$11 731	\$13 410	\$12 449	\$8 486	\$10 078	\$9 569	\$11 944	\$12 341
SELECTED CHARACTERISTICS												
Heating equipment	31 211	29 002	839	1 370	13 448	5 882	1 922	1 633	1 494	1 766	305	446
Steam or hot water system	1 182	1 127	55	—	1 093	148	71	223	207	312	132	—
Central warm-air furnace or electric heat pump	20 607	18 897	568	1 142	6 901	3 270	1 010	891	648	635	104	343
Other built-in electric units	5 139	4 990	97	52	2 432	586	425	185	455	705	54	22
Floor, wall, or pipeless furnace	1 120	1 074	11	35	838	566	94	62	65	13	8	30
Other means	3 163	2 914	108	141	2 184	1 312	322	272	119	101	7	51
Air conditioning	17 625	16 327	425	873	5 119	1 727	721	387	781	1 090	237	176
Central system	8 149	7 636	175	338	1 937	408	279	176	357	591	85	41
Vehicles available	29 605	27 577	732	1 296	11 240	5 139	1 601	1 263	1 235	1 341	256	405
1	9 376	8 376	357	643	6 753	2 423	1 046	983	933	959	211	198
2 or more	20 229	19 201	375	653	4 487	2 716	555	280	302	382	45	207
House heating fuel	31 211	29 002	839	1 370	13 448	5 882	1 922	1 633	1 494	1 766	305	446
Utility gas	19 706	18 424	583	699	8 578	4 262	1 306	1 221	750	672	164	203
Bottled, tank, or LP gas	7 732	4 493	16	223	319	171	8	35	18	20	—	67
Electricity	7 236	6 869	192	175	3 570	834	568	296	676	1 034	104	58
Fuel oil, kerosene, etc.	2 930	2 621	46	263	755	520	30	58	15	7	7	118
Other	607	595	2	10	226	95	10	23	35	33	30	—
Water heating fuel	31 179	28 966	843	1 370	13 424	5 875	1 922	1 633	1 494	1 766	305	446
Utility gas	15 744	15 060	501	183	7 268	3 428	1 112	1 066	761	678	162	61
Bottled, tank, or LP gas	272	183	21	68	284	110	28	60	6	46	—	34
Electricity	15 078	13 644	315	1 119	5 736	2 302	782	482	688	1 018	113	351
Fuel oil, kerosene, etc.	71	65	6	—	58	27	—	18	6	—	7	—
Other	14	14	—	—	78	8	—	7	26	14	23	—
Family householder	25 432	24 029	542	861	7 300	3 947	1 012	693	642	636	82	288
With own children under 18 years	12 551	11 907	204	440	4 538	2 669	601	416	373	322	19	138
With own children under 6 years	4 533	4 252	81	200	2 685	1 470	384	303	205	207	10	106
Male householder, no husband present	2 149	1 985	66	98	1 942	830	404	226	232	183	22	45
With own children under 18 years	1 174	1 080	24	70	1 585	679	322	187	191	160	14	32
With own children under 6 years	237	217	7	13	788	269	202	115	81	92	7	22
Nonfamily householder	5 790											

Table A-9. Owner- and Renter-Occupied Housing Units by Size of Household: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and 8.]

The SMSA

	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 or more persons	Median	Total persons
Owner-occupied housing units	31 222	5 293	10 528	5 820	5 764	2 577	874	249	117	2.48	89 745
Nonrelatives present	861	—	368	186	159	78	48	12	10	2.84	2 924
ROOMS											
1 to 3 rooms	543	304	153	64	15	—	7	—	—	1.39	939
4 rooms	5 295	1 686	2 160	861	418	120	38	12	—	1.95	11 412
5 rooms	9 850	1 900	3 713	1 782	1 506	664	209	46	30	2.31	26 546
6 rooms	7 940	840	2 603	1 516	1 891	770	233	73	14	2.85	24 538
7 rooms	4 219	371	1 222	905	1 072	456	132	38	23	3.07	13 724
8 or more rooms	3 375	192	677	692	862	567	255	80	50	3.65	12 586
Median	5.5	4.8	5.3	5.6	6.0	6.2	6.3	6.4	7.1	...	...
PLUMBING FACILITIES BY PERSONS PER ROOM											
Complete plumbing for exclusive use	31 069	5 251	10 476	5 783	5 757	2 572	864	249	117	2.48	89 315
1.00 or less	30 454	5 251	10 470	5 776	5 742	2 452	617	118	28	2.45	85 471
1.01 to 1.50	554	—	—	7	15	120	240	119	53	6.06	3 494
1.51 or more	61	—	6	—	—	—	7	12	36	7.96	350
Locking complete plumbing for exclusive use	153	42	52	37	7	5	10	—	—	2.16	430
1.00 or less	139	42	52	30	7	5	3	—	—	2.03	364
1.01 to 1.50	14	—	—	7	—	—	7	—	—	4.50	66
1.51 or more	—	—	—	—	—	—	—	—	—	—	—
UNITS IN STRUCTURE											
1, detached or attached	29 009	4 557	9 829	5 406	5 592	2 448	830	230	117	2.52	84 096
2 or more	843	261	265	144	62	64	35	12	—	2.11	2 458
Mobile home or trailer, etc.	1 370	475	434	270	110	65	9	7	—	1.98	3 191
VALUE											
Specified owner-occupied housing units	26 072	4 087	8 630	4 895	5 191	2 202	731	224	112	2.57	75 743
Less than \$10,000	1 189	451	343	188	132	15	27	20	13	1.92	2 707
\$10,000 to \$19,999	4 796	1 186	1 572	883	665	319	122	18	31	2.27	11 982
\$20,000 to \$29,999	5 907	1 014	2 075	977	1 058	549	127	82	25	2.43	16 852
\$30,000 to \$39,999	4 978	632	1 784	849	1 062	442	133	58	18	2.59	14 979
\$40,000 to \$49,999	3 476	424	1 177	765	724	314	65	4	3	2.68	10 601
\$50,000 to \$59,999	2 229	182	746	497	527	181	74	12	10	2.88	6 900
\$60,000 to \$79,999	2 267	129	594	475	719	212	119	19	—	3.36	7 665
\$80,000 to \$99,999	775	56	231	161	186	91	43	—	7	3.12	2 441
\$100,000 to \$149,999	360	13	74	92	96	53	21	6	5	3.51	1 251
\$150,000 or more	95	—	34	8	22	26	—	5	—	3.75	365
Median	\$32 100	\$22 900	\$31 700	\$34 400	\$36 500	\$34 300	\$36 100	\$28 000	\$24 500	...	...
SELECTED CHARACTERISTICS											
All income levels in 1979	31 222	5 293	10 528	5 820	5 764	2 577	874	249	117	2.48	89 745
Median income	\$19 823	\$7 579	\$18 571	\$23 143	\$24 220	\$24 098	\$24 659	\$24 306	\$27 639	...	...
Median selected monthly owner costs as percentage of household income	14.8	21.6	13.0	13.6	15.1	15.8	15.5	13.1	14.3	...	...
With a mortgage	16.0	25.5	14.8	14.7	15.8	16.3	16.0	13.9	14.7	...	...
Not mortgaged	10.9	18.9	10—	10—	10—	10—	10.1	10—	10—	...	...
Income in 1979 below poverty level	2 054	822	482	276	229	141	56	27	21	1.93	...
Median income	\$3 180	\$2 670	\$3 100	\$3 287	\$3 894	\$6 676	\$6 905	\$5 938	\$6 042	...	...
Median selected monthly owner costs as percentage of household income	50+	47.7	50+	50+	50+	45.0	50+	18.4	33.2	...	...
With a mortgage	50+	50+	50+	50+	50+	50+	50+	18.4	33.2	...	...
Not mortgaged	35.3	38.3	33.8	14.2	38.3	18.2	—	—	—	...	...
Renter-occupied housing units	13 448	4 457	3 981	2 206	1 553	829	254	109	59	2.07	30 516
Nonrelatives present	2 093	—	1 078	446	319	166	59	22	3	2.47	5 867
ROOMS											
1 room	195	166	24	—	5	—	—	—	—	1.09	205
2 rooms	839	628	164	27	13	7	—	—	—	1.17	1 054
3 rooms	3 096	1 793	997	263	19	24	—	—	—	1.36	4 531
4 rooms	4 475	1 161	1 649	928	441	229	55	10	2	2.15	10 080
5 rooms	2 686	495	725	574	587	210	74	17	4	2.71	7 142
6 rooms	1 215	116	270	258	261	174	66	29	41	3.36	4 138
7 or more rooms	942	98	152	156	227	185	59	53	12	3.79	3 366
Median	4.1	3.3	4.0	4.4	5.0	5.2	5.5	6.4	6.1	...	...
PLUMBING FACILITIES BY PERSONS PER ROOM											
Complete plumbing for exclusive use	13 137	4 307	3 901	2 173	1 530	822	243	109	52	2.08	29 879
1.00 or less	12 571	4 307	3 877	2 146	1 498	562	125	53	3	2.01	26 945
1.01 to 1.50	458	—	—	27	19	229	118	46	19	5.30	2 447
1.51 or more	108	—	24	—	13	31	—	10	30	5.05	487
Locking complete plumbing for exclusive use	311	150	80	33	23	7	11	—	7	1.57	637
1.00 or less	288	150	80	33	18	7	—	—	—	1.46	512
1.01 to 1.50	11	—	—	—	—	—	11	—	—	6.00	31
1.51 or more	12	—	—	—	5	—	—	—	7	8.5+	94
UNITS IN STRUCTURE											
1, detached or attached	5 882	1 233	1 518	1 130	1 099	582	196	91	33	2.67	16 149
2	1 922	631	708	332	141	72	27	11	—	1.97	4 109
3 and 4	1 633	692	484	298	77	72	10	—	—	1.76	3 146
5 to 9	1 494	654	487	160	92	58	21	7	15	1.69	2 868
10 to 49	1 766	924	512	198	96	25	—	—	11	1.46	2 937
50 or more	305	215	63	18	9	—	—	—	—	1.21	399
Mobile home or trailer, etc.	446	108	209	70	39	20	—	—	—	2.05	908
GROSS RENT											
Specified renter-occupied housing units	12 759	4 268	3 790	2 123	1 436	768	213	102	59	2.06	28 767
Less than \$100	816	487	139	56	63	46	7	7	11	1.34	1 441
\$100 to \$149	2 230	940	795	313	137	25	17	—	3	1.72	4 142
\$150 to \$199	2 897	1 211	857	436	194	122	66	11	—	1.78	5 601
\$200 to \$249	2 888	787	973	564	336	163	30	19	16	2.18	6 623
\$250 to \$299	1 840	474	620	371	231	68	37	35	4	2.22	4 435
\$300 to \$349	791	122	142	134	196	146	17	13	21	3.48	2 582
\$350 to \$399	359	32	74	113	53	70	13	—	4	3.15	1 284
\$400 to \$449	328	7	62	42	142	57	8	10	—	3.87	1 094
\$500 or more	124	7	7	29	35	29	10	7	—	4.04	461
No cash rent	486	201	121	65	49	42	8	—	—	1.85	1 104
Median	\$203	\$173	\$202	\$220	\$241	\$255	\$228	\$272	\$248	...	...
SELECTED CHARACTERISTICS											
All income levels in 1979	13 448	4 457	3 981	2 206	1 553	829	254	109	59	2.07	30 516
Median income	\$9 678	\$7 000	\$10 070	\$10 344	\$13 872	\$11 394	\$15 000	\$14 514	\$10 804	...	...
Median gross rent as percentage of household income	25.0	27.5	23.0	25.0	22.3	28.3	21.5	29.1	21.3	...	...
Income in 1979 below poverty level	3 830	1 172	999	640	522	351	63	47	36	2.24	...
Median income	\$3 388	\$2 500	\$3 324	\$3 868	\$4 722	\$5 824	\$7 917	\$11 058	\$7 188	...	...
Median gross rent as percentage of household income	50+	50+	50+	50+	49.1	46.9	33.3	34.3	23.9	...	...

Table A-10. Household Composition and Age of Householder for Owner- and Renter-Occupied Housing Units: 1980

[Dardis] estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and 8.

The SMSA

MUNCIE, IND. SMSA

METROPOLITAN HOUSING CHARACTERISTICS

Table A-11. Age and Sex of Householder in One-Person Households for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B]

The SMSA

	Male householder						Female householder						
	Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	
Owner-occupied housing units	5 293	1 567	122	320	264	420	441	3 726	37	81	100	1 299	2 209
PLUMBING FACILITIES													
Complete plumbing for exclusive use	5 251	1 544	122	315	264	415	428	3 707	37	81	100	1 299	2 190
Lacking complete plumbing for exclusive use	42	23	—	5	—	5	13	19	—	—	—	—	19
UNITS IN STRUCTURE													
1, detached or attached	4 557	1 281	63	237	230	340	411	3 276	19	71	75	1 108	2 003
2 or more	261	66	—	14	24	9	19	195	—	6	13	69	107
Mobile home or trailer, etc.	475	220	59	69	10	71	11	255	18	4	12	122	99
HOUSEHOLD INCOME IN 1979													
Less than \$5,000	1 754	282	13	26	6	62	175	1 472	6	—	18	454	994
\$5,000 to \$9,999	1 583	292	32	34	23	52	151	1 291	7	30	27	426	801
\$10,000 to \$12,499	527	187	38	34	34	45	36	340	19	2	28	152	139
\$12,500 to \$14,999	304	153	24	51	13	31	34	151	—	5	2	58	86
\$15,000 to \$19,999	514	276	8	99	49	106	14	238	5	31	18	115	69
\$20,000 to \$24,999	328	237	7	56	82	75	17	91	—	6	7	40	38
\$25,000 to \$34,999	195	99	—	19	51	22	7	96	—	7	—	50	39
\$35,000 to \$49,999	57	24	—	—	6	18	—	33	—	—	2	31	31
\$50,000 or more	31	17	—	1	—	9	7	14	—	—	2	12	12
Median	\$7 579	\$12 868	\$11 053	\$15 765	\$20 278	\$15 781	\$6 137	\$6 379	\$10 724	\$15 398	\$10 446	\$6 924	\$5 607
Mean	\$10 287	\$13 825	\$10 533	\$15 256	\$18 797	\$15 637	\$8 995	\$8 800	\$10 299	\$14 720	\$10 934	\$8 894	\$8 405
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS													
Specified owner-occupied housing units	4 087	1 142	63	216	215	310	338	2 945	19	71	75	1 025	1 755
With a mortgage	1 886	730	63	200	181	207	79	1 156	19	66	69	534	468
Less than \$200	914	268	12	62	42	92	60	646	6	17	13	287	323
\$200 to \$249	365	155	17	47	48	40	3	210	5	6	11	116	72
\$250 to \$299	219	116	23	22	31	38	2	103	—	—	25	54	24
\$300 to \$349	134	57	7	21	—	22	7	77	8	9	6	31	23
\$350 to \$399	110	48	2	17	20	9	—	62	—	16	14	13	19
\$400 to \$449	87	60	2	24	27	—	7	27	—	7	—	13	7
\$500 to \$599	40	21	—	2	13	6	—	19	—	11	—	8	—
\$600 to \$749	10	—	—	—	—	—	—	10	—	—	—	10	—
\$750 or more	7	5	—	5	—	—	—	2	—	—	2	—	—
Median	\$204	\$231	\$255	\$240	\$251	\$214	\$146	\$187	\$235	\$353	\$271	\$192	\$162
Not mortgaged	2 201	412	—	16	34	103	259	1 789	—	5	6	491	1 287
Less than \$50	42	14	—	2	—	—	—	28	—	—	6	—	22
\$50 to \$74	441	109	—	—	—	31	78	332	—	—	51	—	281
\$75 to \$99	699	126	—	14	12	38	62	573	—	5	—	160	408
\$100 to \$124	531	94	—	—	16	26	52	437	—	—	98	—	339
\$125 to \$149	308	57	—	—	6	8	43	251	—	—	124	—	127
\$150 to \$199	124	6	—	—	—	—	6	118	—	—	53	—	65
\$200 to \$249	20	6	—	—	—	—	6	14	—	—	5	—	9
\$250 or more	36	—	—	—	—	—	—	36	—	—	—	—	36
Median	\$97	\$91	—	\$86	\$108	\$88	\$91	\$98	—	\$88	\$50	—	\$109
SELECTED CHARACTERISTICS													
Median selected monthly owner costs as percentage of household income in 1979	21.6	18.8	30.2	20.5	17.4	14.1	21.4	22.8	38.8	26.7	25.0	23.0	22.3
With a mortgage	25.5	20.7	30.2	20.9	18.9	16.8	41.1	31.2	38.8	27.2	22.5	30.2	35.0
Not mortgaged	18.9	13.5	—	10—	10—	10—	18.4	19.7	—	10—	50+	18.8	19.9
Income in 1979 below poverty level	822	149	10	12	6	55	66	673	—	—	13	311	349
Percent below poverty level	15.5	9.5	8.2	3.8	2.3	13.1	15.0	18.1	—	—	13.0	23.9	15.8
Renter-occupied housing units	4 457	1 849	566	621	177	337	148	2 608	533	301	98	593	1 083
PLUMBING FACILITIES													
Complete plumbing for exclusive use	4 307	1 785	546	614	171	306	148	2 522	527	269	88	580	1 058
Lacking complete plumbing for exclusive use	150	64	20	7	6	31	—	86	6	32	10	13	25
UNITS IN STRUCTURE													
1, detached or attached	1 233	585	177	186	27	120	75	648	108	62	24	185	269
2	631	260	99	63	13	43	42	371	82	29	17	114	129
3 and 4	692	297	113	100	37	35	12	395	71	53	12	83	176
5 to 9	654	260	60	104	38	58	—	394	100	81	—	94	119
10 to 49	924	298	76	113	36	57	16	626	145	43	39	92	307
50 or more	215	83	18	31	12	22	—	132	17	33	—	17	65
Mobile home or trailer, etc.	108	66	23	24	14	2	3	42	10	—	6	8	18
HOUSEHOLD INCOME IN 1979													
Less than \$5,000	1 654	485	236	77	5	79	88	1 169	271	65	10	237	586
\$5,000 to \$9,999	1 258	449	155	138	32	97	27	809	170	91	42	192	314
\$10,000 to \$12,499	577	286	60	146	19	46	15	291	53	73	25	63	77
\$12,500 to \$14,999	232	123	34	67	14	8	—	109	5	30	2	38	34
\$15,000 to \$19,999	430	284	60	128	48	36	12	146	20	38	19	34	35
\$20,000 to \$24,999	165	120	14	56	15	35	—	45	14	4	—	10	17
\$25,000 to \$34,999	120	81	7	6	38	24	6	39	—	—	—	19	20
\$35,000 to \$49,999	3	3	—	3	—	—	—	—	—	—	—	—	—
\$50,000 or more	18	18	—	6	12	—	—	—	—	—	—	—	—
Median	\$7 000	\$9 885	\$6 399	\$11 635	\$16 360	\$9 554	\$4 578	\$5 709	\$4 897	\$9 596	\$9 732	\$6 792	\$4 742
Mean	\$8 733	\$11 231	\$7 579	\$12 103	\$18 876	\$13 544	\$7 129	\$6 962	\$5 662	\$8 889	\$9 431	\$7 721	\$6 428
GROSS RENT													
Specified renter-occupied housing units	4 268	1 768	546	585	177	324	136	2 500	514	284	88	577	1 037
Less than \$100	487	92	27	22	—	24	19	395	21	40	10	46	278
\$100 to \$149	940	437	106	116	51	123	41	503	86	53	11	154	199
\$150 to \$199	1 211	547	183	201	26	102	35	664	194	101	21	167	181
\$200 to \$249	787	316	98	146	34	30	8	471	150	41	32	79	169
\$250 to \$299	474	193	69	64	32	8	20	281	49	30	7	76	119
\$300 to \$349	122	81	37	20	18	6	—	41	—	19	5	13	4
\$350 to \$399	32	11	5	6	—	—	—	21	8	—	—	13	—
\$400 to \$449	7	—	—	—	—	—	—	7	—	—	—	7	—
\$500 or more	7	7	—	—	—	7	—	—	—	—	—	—	—
No cash rent	201	84	21	10	16	24	13	117	6	—	2	22	87
Median	\$173	\$180	\$184	\$189	\$205	\$154	\$152	\$170	\$184	\$168	\$201	\$172	\$149
SELECTED CHARACTERISTICS													
Median gross rent as percentage of household income in 1979	27.5	22.3	34.1	20.5	15.7	16.4	31.4	31.4	39.2	24.0	27.0	29.6	33.3
Income in 1979 below poverty level	1 172	332	203	41	5	46	37	840	221	50	10	197	362
Percent below poverty level	26.3	18.0	35.9	6.6	2.8	—	13.6	32.2	41.5	16.6	10.2	33.2	33.4

Table A-12. Duration of Vacancy for Year-Round Vacant for Sale and Vacant for Rent Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B]

The SMSA				The SMSA			
Total	Less than 2 months	2 up to 6 months	6 or more months	Total	Less than 2 months	2 up to 6 months	6 or more months
Vacant for sale only housing units				Vacant for rent housing units			
432	109	135	188	1 042	501	292	249
ROOMS				ROOMS			
1 to 3 rooms	30	4	8	1 room	55	18	29
4 rooms	67	6	24	2 rooms	58	24	8
5 rooms	133	47	34	3 rooms	311	178	50
6 rooms	117	32	47	4 rooms	306	163	58
7 rooms	35	6	9	5 rooms	147	53	44
8 or more rooms	50	14	13	6 rooms	53	29	3
Median	5.4	5.4	5.5	7 or more rooms	112	36	57
				Median	3.8	3.7	4.1
PLUMBING FACILITIES				PLUMBING FACILITIES			
Complete plumbing for exclusive use	431	109	135	Complete plumbing for exclusive use	988	488	283
Locking complete plumbing for exclusive use	1	—	—	Locking complete plumbing for exclusive use	54	13	9
BEDROOMS				BEDROOMS			
None	1	—	—	None	68	31	8
1	53	6	17	1	383	199	68
2	134	48	34	2	373	178	78
3	185	44	60	3	164	69	59
4	59	11	24	4	23	17	5
5 or more	—	—	—	5 or more	31	7	10
YEAR STRUCTURE BUILT				YEAR STRUCTURE BUILT			
1975 to March 1980	109	31	52	1975 to March 1980	38	19	5
1970 to 1974	51	—	7	1970 to 1974	75	33	10
1960 to 1969	85	24	36	1960 to 1969	142	53	44
1950 to 1959	39	21	9	1950 to 1959	119	66	28
1940 to 1949	39	—	4	1940 to 1949	155	101	25
1939 or earlier	109	33	27	1939 or earlier	513	229	154
UNITS IN STRUCTURE				UNITS IN STRUCTURE			
1, detached or ottoched	352	96	117	1, detached or ottoched	421	170	106
2 or more	47	6	18	2	191	105	56
Mobile home or trailer	33	7	—	3 and 4	189	119	60
HEATING EQUIPMENT				5 to 9	70	44	23
Central heating system	387	98	129	10 to 49	111	52	18
Other means	44	11	6	50 or more	7	7	—
None	1	—	—	Mobile home or trailer	53	4	29
PRICE ASKED				RENT ASKED			
Specified vacant for sale only housing units	341	96	115	Specified vacant for rent housing units	1 016	491	283
Less than \$10,000	6	—	6	Less than \$100	128	48	28
\$10,000 to \$19,999	85	20	16	\$100 to \$149	362	150	125
\$20,000 to \$29,999	38	12	15	\$150 to \$199	339	178	99
\$30,000 to \$39,999	59	20	15	\$200 to \$249	132	91	29
\$40,000 to \$49,999	40	13	6	\$250 to \$299	41	23	10
\$50,000 to \$59,999	42	9	23	\$300 to \$399	13	—	8
\$60,000 to \$79,999	33	8	18	\$400 or more	1	1	4
\$80,000 to \$99,999	32	8	16	Median	152	164	146
\$100,000 or more	6	6	—				\$141
Median	\$38 200	\$38 600	\$44 600				
	\$35 700						

Table A-13. Price Asked and Rent Asked for Year-Round Vacant Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B]

The SMSA	Price asked—Specified vacant for sale only housing units						Rent asked—Specified vacant for rent housing units												
	Total	\$10,000 to \$29,999		\$30,000 to \$49,999		\$50,000 to \$99,999		\$100,000 or more	Median (dollars)	Total	\$100 to \$199		\$200 to \$299		\$300 to \$399		\$400 or more		Median (dollars)
		Less than \$10,000	\$29,999	\$30,000	\$49,999	\$50,000	\$99,999				Less than \$100	\$100 to \$199	\$200 to \$299	\$300 to \$399	\$400 or more				
Total	341	6	123	99	107	6	38 200	1	1016	128	701	173	13	1	152				
PLUMBING FACILITIES																			
Complete plumbing for exclusive use	340	6	122	99	107	6	38 200	962	91	684	173	13	1	155					
Locking complete plumbing for exclusive use	1	—	1	—	—	—	—	54	37	17	—	—	—	—	72				
BEDROOMS																			
None	1	—	1	—	—	—	—	12 500	68	37	31	—	—	—	80				
1	30	—	28	2	—	—	—	14 200	383	33	303	42	5	—	147				
2	83	6	35	23	19	—	—	30 800	358	42	245	67	4	—	164				
3	168	—	36	62	64	6	42 700	163	9	102	51	—	1	—	176				
4	59	—	23	12	24	—	—	46 900	22	—	14	8	—	—	173				
5 or more	—	—	—	—	—	—	—	—	7	6	5	4	—	—	157				
YEAR STRUCTURE BUILT																			
1975 to March 1980	81	—	2	5	74	—	62 400	38	3	28	7	—	—	—	155				
1970 to 1974	16	—	12	4	—	—	14 400	75	1	33	40	—	1	205					
1960 to 1969	82	—	14	43	19	6	39 100	142	17	76	45	4	—	168					
1950 to 1959	39	—	20	19	—	—	29 700	119	—	101	14	4	—	167					
1940 to 1949	34	—	12	13	9	—	38 600	155	14	115	26	—	—	148					
1939 or earlier	89	6	63	19	1	—	17 200	487	93	348	41	5	—	138					
UNITS IN STRUCTURE																			
1, detached or ottoched	341	6	123	99	107	6	38 200	395	30	290	70	4	1	155					
2 or more	...	...	...	...	...	...	...	568	89	367	103	9	—	150				
Mobile home or trailer	...	...	...	...	...	...	...	53	9	44	—	—	—	152				

Table B-1. Value of Owner-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and 8]

Muncie city

	Total	Less than \$10,000	\$10,000 to \$19,999	\$20,000 to \$29,999	\$30,000 to \$39,999	\$40,000 to \$49,999	\$50,000 to \$59,999	\$60,000 to \$79,999	\$80,000 to \$99,999	\$100,000 to \$149,999	\$150,000 or more	Median (dollars)	Mean (dollars)
Specified owner-occupied housing units -----	14 858	954	3 757	3 954	2 767	1 380	784	747	323	140	52	26 100	31 500
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families -----	10 079	471	2 174	2 704	2 069	1 047	581	602	265	119	47	28 400	33 900
15 to 24 years -----	346	13	99	118	80	30	6	—	—	—	—	25 200	25 900
25 to 34 years -----	1 776	64	334	553	439	225	57	74	25	—	5	28 100	31 500
35 to 44 years -----	1 886	42	359	467	406	236	111	139	88	21	17	31 500	37 900
45 to 64 years -----	4 282	199	904	1 055	871	389	327	305	124	91	17	29 800	35 700
65 years and over -----	1 789	153	478	511	273	167	80	84	28	7	8	24 000	29 300
Male householder, no wife present -----	1 197	164	412	323	119	81	55	37	6	—	—	20 500	24 200
15 to 24 years -----	70	—	41	24	—	—	5	—	—	—	—	19 400	21 500
25 to 34 years -----	232	14	82	53	48	18	17	—	—	—	—	23 200	25 800
35 to 44 years -----	230	38	80	36	33	26	6	11	—	—	—	19 500	24 800
45 to 64 years -----	352	61	90	129	13	25	20	14	—	—	—	21 400	24 300
65 years and over -----	313	51	119	81	25	12	7	12	6	—	—	19 000	23 000
Female householder, no husband present -----	3 582	319	1 171	927	579	252	148	108	52	21	5	22 300	27 200
15 to 24 years -----	60	—	16	29	—	15	—	—	—	—	—	23 500	27 400
25 to 34 years -----	361	5	126	99	79	7	15	19	11	—	—	24 300	29 300
35 to 44 years -----	368	17	103	93	68	29	37	9	7	—	5	28 200	31 600
45 to 64 years -----	1 175	104	405	269	195	91	43	45	16	7	—	21 800	27 100
65 years and over -----	1 618	193	521	437	237	110	53	35	18	14	—	21 900	25 800
Median age -----	52.7	61.7	55.7	52.7	49.9	49.3	51.4	51.0	48.3	56.3	44.7	...	...
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980 -----	1 304	72	348	319	226	156	38	87	29	17	12	25 400	33 000
1975 to 1978 -----	3 282	109	766	872	622	356	215	220	78	28	16	28 700	34 100
1970 to 1974 -----	2 299	129	438	650	437	252	130	133	84	30	16	28 600	35 100
1960 to 1969 -----	3 551	181	755	893	771	299	292	180	113	59	8	29 300	34 200
1959 or earlier -----	4 422	463	1 450	1 220	711	317	109	127	19	6	—	21 800	25 000
ROOMS													
1 to 3 rooms -----	211	67	101	31	12	—	—	—	—	—	—	13 300	14 600
4 rooms -----	2 903	340	1 255	944	291	55	18	—	—	—	—	18 900	19 800
5 rooms -----	5 156	346	1 332	1 771	1 110	376	156	59	—	6	—	24 400	26 000
6 rooms -----	3 543	138	627	790	855	553	341	209	24	6	—	32 200	33 900
7 rooms -----	1 703	40	286	278	342	244	178	248	60	21	6	37 500	41 500
8 or more rooms -----	1 342	23	156	140	157	152	91	231	239	107	46	54 300	61 400
Median -----	5.3	4.7	4.9	5.1	5.5	6.0	6.1	6.9	8.2	8.5+	8.5+	...	...
BEDROOMS													
None -----	19	19	—	—	—	—	—	—	—	—	—	10000—	7 500
1 -----	577	120	261	108	75	7	6	—	—	—	—	16 200	18 400
2 -----	5 780	577	2 083	1 936	737	287	105	29	14	12	—	20 800	22 700
3 -----	6 912	211	1 129	1 669	1 733	961	585	481	111	18	14	32 300	35 100
4 -----	1 324	21	236	234	186	114	86	215	154	56	22	39 200	49 400
5 or more -----	246	6	48	7	36	11	8	16	44	54	16	75 500	74 400
YEAR STRUCTURE BUILT													
1975 to March 1980 -----	420	—	36	17	34	82	47	115	55	17	17	58 600	62 500
1970 to 1974 -----	360	28	20	111	33	32	36	42	31	17	10	36 300	48 700
1960 to 1969 -----	2 363	34	187	380	609	314	351	266	124	79	19	39 500	46 400
1950 to 1959 -----	4 083	166	709	1 165	1 025	563	262	128	44	21	—	30 000	32 100
1940 to 1949 -----	2 625	127	888	882	410	188	42	58	30	—	—	22 300	25 600
1939 or earlier -----	5 007	599	1 917	1 399	656	201	46	138	39	6	6	19 900	23 200
HOUSEHOLD INCOME IN 1979													
Less than \$5,000 -----	1 434	252	595	328	164	55	6	24	5	—	5	17 200	20 600
\$5,000 to \$9,999 -----	2 347	209	888	747	310	121	52	11	9	—	—	20 800	22 900
\$10,000 to \$12,499 -----	1 296	149	373	418	208	58	61	22	7	—	—	22 200	24 900
\$12,500 to \$14,999 -----	1 025	76	317	326	182	92	26	—	6	—	—	22 300	24 900
\$15,000 to \$19,999 -----	2 347	107	693	698	471	220	88	50	20	—	—	24 100	27 700
\$20,000 to \$24,999 -----	2 090	76	428	658	473	225	106	95	23	6	—	28 100	31 000
\$25,000 to \$34,999 -----	2 542	71	341	576	663	421	173	206	79	12	—	33 600	36 800
\$35,000 to \$49,999 -----	1 158	2	101	158	239	130	191	193	92	46	6	46 000	50 100
\$50,000 or more -----	619	12	21	45	57	58	81	146	82	76	41	67 500	73 800
Median -----	\$17 906	\$10 268	\$12 677	\$16 070	\$20 491	\$23 367	\$28 380	\$33 395	\$36 964	\$54 846	\$75000+	...	...
Mean -----	\$20 705	\$12 980	\$14 355	\$17 204	\$21 437	\$24 011	\$29 864	\$36 998	\$41 154	\$77 829	\$107 850	...	...
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979													
With a mortgage -----	10 742	524	2 589	2 813	2 077	1 075	647	614	250	120	33	27 400	32 800
Less than 15 percent -----	5 022	200	1 158	1 291	986	520	327	344	114	66	16	28 900	34 100
15 to 19 percent -----	2 080	102	500	513	409	205	125	121	74	25	6	27 800	33 600
20 to 24 percent -----	1 115	54	219	332	236	130	69	51	13	11	—	28 000	32 000
25 to 29 percent -----	736	63	118	214	140	77	65	41	6	12	—	26 900	32 700
30 to 34 percent -----	422	21	97	109	96	49	20	11	19	—	—	28 500	31 600
35 percent or more -----	1 316	76	478	343	210	87	35	46	24	6	11	21 700	28 000
Not computed -----	51	8	19	11	—	7	6	—	—	—	—	19 500	24 400
Median -----	15.8	17.8	16.3	16.1	15.6	15.3	14.8	14.0	15.7	14.2	15.4	...	...
Not mortgaged -----	4 116	430	1 168	1 141	690	305	137	133	73	20	19	23 300	28 000
Less than 10 percent -----	1 787	146	357	462	412	175	96	78	22	20	19	27 300	32 800
10 to 14 percent -----	861	90	288	270	96	59	8	32	18	—	—	21 900	25 400
15 to 19 percent -----	499	58	160	128	84	34	7	—	28	—	—	22 200	26 700
20 to 24 percent -----	327	38	129	88	23	23	26	—	—	—	—	19 200	22 900
25 to 29 percent -----	182	22	52	73	26	9	—	—	—	—	—	23 500	22 500
30 to 34 percent -----	155	24	54	36	27	—	—	14	—	—	—	19 800	24 100
35 percent or more -----	263	52	113	73	11	5	—	9	—	—	—	16 300	18 700
Not computed -----	42	—	15	11	11	—	—	—	5	—	—	22 900	29 600
Median -----	11.5	13.8	13.8	11.9	10—	10—	10—	10—	13.3	10—	10—	...	...
SELECTED CHARACTERISTICS													
Complete plumbing for exclusive use -----	14 818	938	3 733	3 954	2 767	1 380	784	747	323	140	52	26 100	31 500
1.01 or more persons per room -----	332	49	114	111	53	—	5	—	—	—	—	20 200	20 500
Locking complete plumbing for exclusive use -----	40	16	24	—	—	—	—	—	—	—	—	12 900	12 500
1.01 or more persons per room -----	7	—	7	—	—	—	—	—	—	—	—	12 500	12 500
Heating equipment -----	14 851	954	3 750	3 954	2 767	1 380	784	747	323	140	52	26 100	31 500
Central heating system -----	13 323	565	3 074	3 666	2 674	1 338	771	734	309	140	52	27 600	33 000
Air conditioning -----	8 494	247	1 468	2 195	1 813	990	627	662	306	134	52	31 700	37 600
Central system -----	3 725	46	272	588	747	596	441	570	285	128	52	43 600	50 100
Income in 1979 below poverty level -----	1 086	158	399	312	134	45	6	15	12	—	5	19 600	22 500
Percent below poverty level -----	7.3	16.6	10.6	7.9	4.8	3.3	0.8	2.0	3.7	—	9.6	...	...

Table B-2. Gross Rent of Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

Muncie city

Specified renter-occupied housing units-----

	Total	Less than \$100	\$100 to \$149	\$150 to \$199	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 or more	No cash rent	Median (dollars)	
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER	10 357	767	2 070	2 416	2 229	1 451	575	200	233	101	315	195	
Married-couple families	3 431	128	681	682	807	569	253	118	55	13	125	209	
15 to 24 years	1 069	38	371	187	265	131	34	22	—	—	21	181	
25 to 34 years	1 218	43	178	241	324	193	129	55	26	6	23	219	
35 to 44 years	470	16	78	117	82	84	32	30	17	7	7	210	
45 to 64 years	456	—	30	93	104	112	54	11	6	—	46	238	
65 years and over	218	31	24	44	32	49	4	—	6	—	28	187	
Male householder, no wife present	2 464	99	545	663	479	330	155	26	64	27	76	189	
15 to 24 years	1 053	38	153	253	193	218	80	18	63	20	17	216	
25 to 34 years	744	20	154	231	207	72	47	3	—	—	9	193	
35 to 44 years	193	—	66	33	39	23	18	—	—	—	14	186	
45 to 64 years	336	24	134	100	34	6	10	5	—	7	16	153	
65 years and over	138	17	38	46	6	11	—	—	—	—	20	156	
Female householder, no husband present	4 462	540	844	1 071	943	552	167	56	114	61	114	184	
15 to 24 years	1 443	80	221	362	320	186	79	28	90	61	16	207	
25 to 34 years	936	88	149	292	212	129	45	14	2	—	5	185	
35 to 44 years	343	58	42	69	101	29	31	5	—	—	8	199	
45 to 64 years	749	60	241	147	141	108	8	9	15	—	20	170	
65 years and over	991	254	191	201	169	100	4	—	7	—	65	155	
Median age	29.5	45.6	29.3	29.3	28.4	29.0	29.2	30.1	23.8	23.1	54.7	...	
YEAR HOUSEHOLDER MOVED INTO UNIT	5 846	295	1 061	1 465	1 237	849	403	178	196	101	61	203	
1979 to March 1980	3 015	236	728	644	712	439	131	13	30	—	82	190	
1975 to 1978	684	104	132	160	164	82	23	9	—	—	10	178	
1970 to 1974	530	87	74	121	99	68	3	—	7	—	71	173	
1960 to 1969	282	45	75	26	17	13	15	—	—	—	91	135	
1959 or earlier	—	—	—	—	—	—	—	—	—	—	—	—	
ROOMS	1 room	183	80	69	25	9	—	—	—	—	—	108	
2 rooms	792	84	294	199	162	36	—	—	—	7	10	155	
3 rooms	2 768	305	796	922	535	103	10	—	—	5	92	162	
4 rooms	3 415	214	683	781	838	620	162	55	42	—	20	201	
5 rooms	1 891	56	153	328	518	437	176	68	63	9	83	236	
6 rooms	814	28	35	130	105	198	146	25	65	28	54	273	
7 or more rooms	494	—	40	31	62	57	81	52	63	52	56	318	
Median	3.9	3.2	3.3	3.6	4.0	4.4	5.2	5.2	5.7	6.6	4.9	...	
PLUMBING FACILITIES BY PERSONS PER ROOM AND POVERTY STATUS IN 1979	All income levels in 1979	10 357	767	2 070	2 416	2 229	1 451	575	200	233	101	315	195
Complete plumbing for exclusive use	10 069	683	2 008	2 348	2 197	1 431	568	200	233	101	300	196	
0.50 or less	5 725	436	1 242	1 333	1 185	857	228	104	86	46	208	187	
0.51 to 1.00	3 861	180	723	863	910	518	307	80	147	48	85	205	
1.01 to 1.50	384	36	24	139	98	46	22	12	—	—	7	197	
1.51 or more	99	31	19	13	4	10	11	4	—	7	—	139	
Locking complete plumbing for exclusive use	288	84	62	68	32	20	7	—	—	—	15	144	
0.50 or less	122	36	35	20	11	13	—	—	—	7	131	—	
0.51 to 1.00	143	48	27	37	9	7	7	—	—	8	143	—	
1.01 to 1.50	11	—	—	11	—	—	—	—	—	—	175	—	
1.51 or more	12	—	—	—	12	—	—	—	—	—	—	213	
Income in 1979 below poverty level	3 365	423	674	829	583	351	198	55	107	50	95	179	
Complete plumbing for exclusive use	3 273	399	658	815	566	344	191	55	107	50	88	179	
1.01 or more persons per room	275	50	32	71	69	29	10	—	—	7	7	190	
Locking complete plumbing for exclusive use	92	24	16	14	17	7	7	—	—	—	7	183	
1.01 or more persons per room	7	—	—	—	7	—	—	—	—	—	—	213	
BEDROOMS	None	329	99	134	67	22	7	—	—	—	—	—	
1	3 743	394	989	1 248	787	185	12	—	6	12	110	123	
2	4 553	188	857	894	1 136	896	308	86	67	16	105	211	
3	1 379	68	63	180	235	337	178	96	121	28	73	264	
4	312	18	24	27	40	18	77	16	20	45	27	310	
5 or more	41	—	3	—	9	8	—	2	19	—	—	363	
UNITS IN STRUCTURE	1, detached or attached	3 950	103	443	759	944	687	402	134	169	81	228	224
2	1 483	87	280	553	257	154	41	31	43	6	31	180	
3 and 4	1 458	97	473	486	205	136	36	—	—	7	18	163	
5 to 9	1 332	174	398	296	211	175	28	29	21	—	—	165	
10 to 49	1 647	249	430	290	378	207	63	6	—	7	17	174	
50 or more	289	23	46	7	148	65	—	—	—	—	—	219	
Mobile home or trailer, etc.	198	34	—	25	86	27	5	—	—	—	21	210	
YEAR STRUCTURE BUILT	1975 to March 1980	453	69	38	42	153	62	43	20	13	—	233	
1970 to 1974	730	53	145	103	207	146	39	8	6	9	14	216	
1960 to 1969	1 939	41	434	332	467	361	113	55	70	22	44	213	
1950 to 1959	2 048	158	423	419	466	319	99	35	69	14	46	200	
1940 to 1949	1 595	141	274	399	370	186	126	50	14	—	35	194	
1939 or earlier	3 592	305	756	1 121	566	377	155	32	61	43	176	176	
STORIES IN STRUCTURE	1 to 3	10 164	742	2 024	2 345	2 190	1 444	575	200	233	101	310	196
4 or more	193	25	46	71	39	7	—	—	—	—	5	166	
With elevator	90	—	39	24	27	—	—	—	—	—	—	159	
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979	Less than 15 percent	1 995	244	608	472	358	176	89	20	28	—	168	
15 to 19 percent	1 648	156	381	351	323	284	64	56	26	7	—	190	
20 to 24 percent	1 095	67	190	328	215	157	106	26	6	—	—	193	
25 to 29 percent	913	101	163	170	221	166	37	28	6	21	—	204	
30 to 34 percent	731	31	129	162	185	161	31	5	27	—	—	210	
35 to 49 percent	1 281	52	177	280	344	203	149	6	50	20	—	220	
50 percent or more	2 229	109	376	635	554	279	94	52	82	48	—	199	
Not computed	465	7	46	18	29	25	5	7	8	5	315	213	
Median	26.1	19.4	20.6	26.4	29.6	27.9	28.5	23.9	37.9	50.0	—	—	
SELECTED CHARACTERISTICS	Heating equipment	10 357	767	2 070	2 416	2 229	1 451	575	200	233	101	315	195
Central heating system	8 691	598	1 730	1 877	1 915	1 329	514	181	213	79	255	200	
Air conditioning	3 737	148	436	740	1 030	709	225	88	113	58	190	222	
Central system	1 396	72	72	197	321	367	132	63	65	39	68	250	

Table B-3. Income and Poverty Status in 1979 of Owner-Occupied Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.)

Muncie city	Household income in 1979													Income in 1979 below poverty level
	Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)	Mean (dollars)		
		16 932	1 750	2 769	1 471	1 214	2 665	2 339	2 762	1 246	716	17 427	20 374	
Owner-occupied housing units														1 321
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER														
Married-couple families	11 188	374	1 129	816	808	2 008	1 870	2 370	1 134	679	21 265	24 509	454	
15 to 24 years	431	23	69	29	41	94	94	71	10	—	17 058	17 602	33	
25 to 34 years	1 953	59	97	132	158	585	406	363	110	43	19 493	21 242	101	
35 to 44 years	2 020	18	84	63	136	347	379	558	296	139	24 802	28 832	58	
45 to 64 years	4 765	107	321	300	233	703	839	1 200	645	417	24 323	27 805	126	
65 years and over	2 019	167	558	292	240	279	152	178	73	80	12 436	17 037	136	
Male householder, no wife present	1 508	183	248	175	139	249	268	196	30	20	15 184	16 153	119	
15 to 24 years	121	—	39	19	19	11	7	26	—	—	12 829	14 984	10	
25 to 34 years	321	22	35	38	53	75	63	35	—	—	15 845	15 871	22	
35 to 44 years	281	6	15	27	7	55	101	66	4	—	21 089	20 278	11	
45 to 64 years	442	24	64	53	44	95	70	62	23	7	16 429	18 021	30	
65 years and over	343	131	95	38	16	13	27	7	3	13	6 426	11 042	46	
Female householder, no husband present	4 236	1 193	1 392	480	267	408	201	196	82	17	8 367	10 956	748	
15 to 24 years	82	20	35	17	—	6	4	—	—	—	8 478	8 338	18	
25 to 34 years	414	75	163	39	36	61	7	33	—	—	9 282	11 188	108	
35 to 44 years	412	59	100	98	39	80	18	12	6	—	11 199	11 873	72	
45 to 64 years	1 440	373	368	192	106	169	106	101	25	—	9 724	11 648	303	
65 years and over	1 888	666	726	134	86	92	66	50	51	17	6 708	10 292	247	
Median age	52.9	66.8	64.9	60.2	54.1	45.4	46.9	47.3	49.9	52.4	...	...	58.5	
YEAR HOUSEHOLDER MOVED INTO UNIT														
1979 to March 1980	1 683	146	310	173	137	318	252	250	77	20	16 419	18 177	170	
1975 to 1978	3 817	266	450	296	326	724	642	673	291	149	18 844	21 654	263	
1970 to 1974	2 628	199	273	264	153	449	362	516	243	169	19 725	23 934	187	
1960 to 1969	3 914	289	577	258	238	579	572	807	381	213	20 155	22 620	212	
1959 or earlier	4 890	850	1 159	480	360	595	511	516	254	165	12 271	16 420	489	
SELECTED CHARACTERISTICS														
Complete plumbing for exclusive use	16 842	1 734	2 748	1 464	1 196	2 654	2 327	2 757	1 246	716	17 471	20 415	1 311	
1.01 or more persons per room	402	18	22	29	50	114	41	94	22	12	18 182	20 909	58	
Lacking complete plumbing for exclusive use	90	16	21	7	18	11	12	5	—	—	12 639	12 720	10	
1.01 or more persons per room	14	—	—	7	7	—	7	—	—	—	18 750	19 165	—	
Heating equipment	16 921	1 750	2 762	1 471	1 214	2 665	2 335	2 762	1 246	716	17 430	20 380	1 321	
Central heating system	15 211	1 380	2 361	1 289	1 063	2 384	2 185	2 650	1 203	696	18 201	21 199	988	
Air conditioning	9 740	652	1 319	793	604	1 479	1 444	1 863	952	634	20 080	23 574	451	
Central system	4 247	183	378	343	158	526	600	944	593	522	24 511	29 920	118	
Vehicles available	15 707	1 188	2 277	1 427	1 160	2 628	2 315	2 762	1 234	716	18 458	21 437	1 024	
1	6 521	997	1 632	969	606	1 045	626	454	129	63	11 629	13 997	704	
2 or more	9 186	191	645	458	554	1 583	1 689	2 308	1 105	653	23 448	26 718	320	
House heating fuel	16 921	1 750	2 762	1 471	1 214	2 665	2 335	2 762	1 246	716	17 430	20 380	1 321	
Utility gas	13 771	1 482	2 320	1 200	995	2 141	1 862	2 257	977	537	17 051	19 783	1 156	
Bottled, tank, or LP gas	196	28	47	43	17	—	25	30	6	—	11 337	13 534	23	
Electricity	1 971	138	203	138	136	333	332	339	220	132	20 548	24 892	72	
Fuel oil, kerosene, etc.	907	102	167	90	66	191	104	120	32	35	15 925	19 661	70	
Other	76	—	25	—	—	—	12	16	11	12	25 227	37 780	—	
Median rooms	5.3	4.7	4.8	5.0	5.1	5.2	5.4	5.7	6.4	7.1	...	...	4.9	
Specified owner-occupied housing units	14 858	1 434	2 347	1 296	1 025	2 347	2 090	2 542	1 158	619	17 906	20 705	1 086	
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS														
With a mortgage	10 742	712	1 272	895	726	1 860	1 681	2 176	952	468	19 758	22 291	672	
Less than \$200	3 734	406	709	455	322	619	550	478	129	66	14 658	16 964	284	
\$200 to \$249	2 092	134	167	150	127	507	324	484	187	12	19 595	20 793	132	
\$250 to \$299	1 753	86	226	113	148	309	274	407	144	46	19 909	21 379	110	
\$300 to \$349	1 023	18	85	76	70	160	191	268	89	66	22 215	24 870	49	
\$350 to \$399	827	17	47	51	51	128	154	207	124	48	23 550	25 982	34	
\$400 to \$449	787	39	14	37	4	100	123	228	155	87	26 595	31 639	39	
\$500 to \$599	264	7	24	6	4	26	42	59	52	44	26 000	33 233	19	
\$600 to \$749	127	—	—	7	—	11	6	39	51	13	35 195	35 643	—	
\$750 or more	135	5	—	—	—	—	17	6	21	86	20 625	74 100	5	
Median	\$239	\$186	\$188	\$199	\$216	\$231	\$245	\$265	\$309	\$396	...	...	\$220	
Not mortgaged	4 116	722	1 075	401	299	487	409	366	206	151	11 627	16 566	414	
Less than \$50	28	9	13	—	6	—	—	—	—	7	7 083	7 318	4	
\$50 to \$74	488	195	201	24	—	33	16	12	—	7	6 021	8 572	94	
\$75 to \$99	1 147	255	398	121	65	127	110	50	21	—	8 902	11 150	154	
\$100 to \$124	1 086	137	229	145	163	168	81	97	39	27	12 991	15 445	91	
\$125 to \$149	701	87	137	66	45	81	127	83	61	14	16 845	18 122	47	
\$150 to \$199	450	33	73	37	6	65	61	102	47	26	21 196	22 712	12	
\$200 to \$249	99	6	11	—	—	7	8	13	22	32	37 303	47 295	12	
\$250 or more	117	—	13	8	14	6	9	16	45	41	247	56 644	—	
Median	\$109	\$90	\$95	\$110	\$112	\$124	\$132	\$143	\$202	...	...	...	\$93	
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979														
With a mortgage	10 742	712	1 272	895	726	1 860	1 681	2 176	952	468	19 758	22 291	672	
Less than 15 percent	5 022	—	52	113	171	771	993	1 671	817	434	27 015	30 836	5	
15 to 19 percent	2 080	—	175	276	233	563	366	337	101	29	18 246	20 276	11	
20 to 24 percent	1 115	18	211	148	129	254	210	117	23	5	15 805	16 580	13	
25 to 29 percent	736	26	165	140	110	180	76	34	5	—	13 341	14 079	28	
30 to 34 percent	422	38	157	86	55	56	19	11	—	—	10 465	11 268	32	
35 percent or more	1 316	579	512	132	28	36	17	6	—	—	5 882	6 699	532	
Not computed	51	51	—	—	—	—	—	—	—	—	2500	—	51	
Median	15.8	50+	31.1	22.0	19.1	16.4	13.8	11.7	10.0	10—	...	...	50+	
Not mortgaged	4 116	722	1 075	401	299	487	409	366	206	151	11 627	16 566	414	
Less than 10 percent	1 787	—	62	96	146	397	381	357	197	151	22 092	28 052	5	
10 to 14 percent	861	25	364	222	133	77	22	9	9	—	10 467	11 252	16	
15 to 19 percent	499	66	359	55	6	7	6	—	—	—	7 453	7 767	13	
20 to 24 percent	327	132	169	20	—	6	—	—	—	—	5 625	5 914	50	
25 to 29 percent	182	91	77	—	14	—	—	—	—	—	5 000	5 567	32	
30 to 34 percent	155	126	21	8	—	—	—	—	—	—	4 038	4 406	82	
35 percent or more	263	240	23	—	—	—	—	—	—	—	3 283	3 317	17	

Table B-4. Income and Poverty Status in 1979 of Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

Muncie city	Household income in 1979													Income in 1979 below poverty level
	Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)	Mean (dollars)		
		10 533	2 898	3 058	1 137	811	1 326	668	453	127	55	8 816	10 954	
Renter-occupied housing units														3 399
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER														
Married-couple families	3 486	404	948	402	365	657	362	256	87	5	12 432	13 833	620	
15 to 24 years	1 077	149	404	140	127	191	51	15	—	—	9 790	10 805	196	
25 to 34 years	1 231	152	234	169	126	254	165	96	35	—	13 700	14 342	277	
35 to 44 years	481	29	116	34	45	94	84	63	11	5	15 982	16 913	61	
45 to 64 years	479	59	83	18	39	112	45	82	41	—	16 947	17 792	69	
65 years and over	218	15	111	41	28	6	17	—	—	—	9 455	10 424	17	
Male householder, no wife present	2 504	556	657	334	198	369	189	128	27	46	10 292	13 316	681	
15 to 24 years	1 057	302	299	129	94	116	55	41	15	6	8 724	10 248	468	
25 to 34 years	750	76	183	141	78	145	78	32	—	17	12 057	16 756	88	
35 to 44 years	193	5	40	18	18	53	23	25	5	6	16 550	18 669	5	
45 to 64 years	354	94	88	46	8	37	33	24	7	17	9 500	14 830	76	
65 years and over	150	79	47	—	—	18	—	6	—	—	4 865	7 280	44	
Female householder, no husband present	4 543	1 938	1 453	401	248	300	117	69	13	4	6 074	7 444	2 098	
15 to 24 years	1 459	684	482	138	45	81	29	—	—	—	5 462	6 326	929	
25 to 34 years	957	343	302	99	80	96	32	5	—	—	7 131	8 078	386	
35 to 44 years	350	109	138	22	31	36	—	14	—	—	7 062	8 251	166	
45 to 64 years	766	272	233	71	55	60	41	24	6	4	7 689	9 165	257	
65 years and over	1 011	530	298	71	37	27	15	26	7	—	4 833	6 872	360	
Median age	29.7	30.1	28.6	27.9	29.5	29.6	30.9	38.0	43.9	42.0	...	...	26.3
YEAR HOUSEHOLDER MOVED INTO UNIT														
1979 to March 1980	5 890	1 642	1 741	695	480	732	336	179	54	31	8 725	10 332	2 112	
1975 to 1978	3 067	781	818	321	251	433	236	168	39	20	9 601	12 240	866	
1970 to 1974	704	188	232	68	26	81	42	57	6	4	8 023	10 900	197	
1960 to 1969	561	157	191	34	43	62	29	39	6	—	7 490	10 532	122	
1959 or earlier	311	130	76	19	11	18	25	10	22	—	6 518	10 933	102	
PLUMBING FACILITIES BY PERSONS PER ROOM														
Complete plumbing for exclusive use	10 245	2 803	2 959	1 085	804	1 297	662	453	127	55	8 868	11 040	3 307	
0.50 or less	5 832	1 763	1 648	630	424	691	319	266	68	23	8 207	10 365	1 528	
0.51 to 1.00	3 930	886	1 185	411	344	544	307	167	59	27	9 604	12 082	1 504	
1.01 to 1.50	384	104	103	39	36	56	26	15	—	5	9 219	11 315	197	
1.51 or more	99	50	23	5	—	6	10	5	—	—	4 960	8 359	78	
Lacking complete plumbing for exclusive use	288	95	99	52	7	29	6	—	—	—	7 227	7 908	92	
0.50 or less	122	48	30	25	7	6	6	—	—	—	7 167	8 256	18	
0.51 to 1.00	143	47	69	20	—	7	—	—	—	—	6 531	6 487	67	
1.01 to 1.50	11	—	—	—	—	11	—	—	—	—	16 250	15 210	—	
1.51 or more	12	—	—	7	—	5	—	—	—	—	12 143	14 615	7	
SELECTED CHARACTERISTICS														
Heating equipment	10 533	2 898	3 058	1 137	811	1 326	668	453	127	55	8 816	10 954	3 399	
Central heating system	8 822	2 274	2 503	981	710	1 166	621	418	103	46	9 227	11 397	2 676	
Air conditioning	3 767	734	954	495	303	565	332	289	58	37	10 987	13 050	713	
Central system	1 407	262	317	208	111	224	145	98	30	12	11 496	13 384	271	
Vehicles available	8 515	1 647	2 516	1 037	785	1 288	642	418	127	55	10 228	12 277	2 270	
1	—	—	—	—	—	—	—	—	—	—	—	—	1 527	
2 or more	5 498	1 296	1 872	672	488	698	265	170	12	25	8 820	10 151	1 527	
House heating fuel	10 533	2 898	3 058	1 137	811	1 326	668	453	127	55	8 816	10 954	3 399	
Utility gas	7 428	2 176	2 216	785	515	877	447	312	68	32	8 423	10 608	2 608	
Bottled, tank, or LP gas	100	18	66	9	—	7	—	—	—	—	6 311	6 297	29	
Electricity	2 506	553	668	290	243	398	163	124	49	18	10 276	12 019	571	
Fuel oil, kerosene, etc.	362	98	87	30	34	44	52	17	—	—	9 730	11 477	138	
Other	137	53	21	23	19	—	6	—	10	5	8 281	12 274	53	
Median rooms	3.9	3.5	3.8	4.0	4.3	4.2	4.5	4.9	5.3	4.6	...	...	3.8
Specified renter-occupied housing units	10 357	2 848	3 053	1 121	797	1 265	644	447	127	55	8 759	10 918	3 365	
CONTRACT RENT														
Less than \$100	1 451	742	384	66	53	107	58	37	—	4	4 896	7 088	745	
\$100 to \$149	3 289	891	1 141	393	225	369	147	108	10	5	8 330	9 630	902	
\$150 to \$199	2 919	720	870	350	312	389	181	82	15	—	9 273	10 277	891	
\$200 to \$249	1 508	287	356	193	119	202	184	89	46	32	11 438	15 662	367	
\$250 to \$299	486	39	136	54	15	113	47	47	30	5	14 833	16 463	161	
\$300 to \$349	188	27	55	16	15	33	—	29	13	—	11 875	15 120	109	
\$350 to \$399	82	15	7	16	11	12	6	15	—	—	13 182	14 476	26	
\$400 to \$449	81	5	34	—	3	11	15	13	—	—	13 750	15 588	48	
\$500 or more	38	9	10	—	17	2	—	—	—	—	10 000	9 175	21	
No cash rent	315	113	60	33	27	27	6	27	13	9	6 854	12 253	95	
Median	\$153	\$138	\$149	\$155	\$163	\$169	\$181	\$189	\$224	\$213	...	...	\$149
GROSS RENT														
Less than \$100	767	471	204	25	13	31	23	—	—	—	4 107	5 247	423	
\$100 to \$149	2 070	681	687	265	147	178	63	44	—	5	7 465	8 578	674	
\$150 to \$199	2 416	731	759	277	178	316	86	69	—	—	7 991	9 221	829	
\$200 to \$249	2 229	521	730	226	197	256	163	94	30	12	9 140	12 024	583	
\$250 to \$299	1 451	214	342	200	147	261	172	96	7	12	12 119	13 318	351	
\$300 to \$349	575	39	178	59	34	105	71	33	44	12	13 346	17 043	198	
\$350 to \$399	200	45	16	4	—	47	39	33	11	5	18 333	19 235	55	
\$400 to \$449	233	19	55	32	34	27	6	38	22	—	13 272	16 738	107	
\$500 or more	101	14	22	—	20	17	15	13	—	—	14 312	14 727	50	
No cash rent	315	113	60	33	27	27	6	27	13	9	6 854	12 253	95	
Median	\$195	\$162	\$188	\$196	\$210	\$216	\$245	\$251	\$323	\$275	...	...	\$179
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979														
Less than 15 percent	1 995	31	142	175	190	555	396	346	114	46	19 252	22 169	91	
15 to 19 percent	1 648	94	335	282	274	399	202	62	—	—	13 531	13 977	104	
20 to 24 percent	1 095	46	429	254	140	201	19	6	—	—	10 714	11 121	109	
25 to 29 percent	913	119	458	166	109	34	21	6	—	—	8 850	9 196	143	
30 to 34 percent	731	95	463	138	3	32	—	—	—	—	7 898	8 011	182	
35 to 49 percent	1 281	307	863	57	37	17	—	—	—	—	6 502	6 729	566	
50 percent or more	2 229	1 893	303	16	17	—	—	—	—	—	2 900	3 099	1 925	
Not computed	465	263	60	33	27	27	6	27	13	9	3 809	8 300	245	
Median	26.1	50+	31.4	21.7	18.6	15.8	13.5	11.3	10.7	10—	...	...	50+

Table B-5. Selected Monthly Owner Costs for Mortgaged Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and 8]

Muncie city

	Total	Less than \$200	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 to \$599	\$600 to \$749	\$750 or more	Median (dollars)
Specified owner-occupied housing units -----	10 742	3 734	2 092	1 753	1 023	827	787	264	127	135	239
PERSONS IN UNIT											
1 person -----	1 438	773	282	171	96	60	30	26	—	—	192
2 persons -----	3 338	1 458	656	422	253	219	236	65	18	11	216
3 persons -----	2 246	773	400	360	213	199	209	34	44	14	244
4 persons -----	2 190	445	423	497	250	191	225	90	30	39	273
5 persons -----	998	153	248	182	151	133	28	31	25	47	277
6 persons -----	339	85	46	65	53	12	42	18	5	13	280
7 persons -----	120	22	20	43	—	7	12	—	5	11	271
8 or more persons -----	73	25	17	13	7	6	5	—	—	—	234
Median -----	2.76	2.25	2.77	3.29	3.26	3.18	3.11	3.58	3.55	4.57	...
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER											
Married-couple families -----	7 851	2 442	1 522	1 290	809	672	659	207	120	130	249
15 to 24 years -----	329	74	62	48	45	77	23	—	—	—	280
25 to 34 years -----	1 748	254	371	325	301	224	186	44	34	9	288
35 to 44 years -----	1 779	360	372	343	173	173	158	95	39	66	273
45 to 64 years -----	3 335	1 315	620	507	270	198	255	68	47	55	228
65 years and over -----	660	439	97	67	20	—	37	—	—	—	165
Male householder, no wife present -----	835	299	207	169	79	24	43	14	—	—	229
15 to 24 years -----	70	11	36	18	5	—	—	—	—	—	233
25 to 34 years -----	210	62	52	35	17	11	26	7	—	—	241
35 to 44 years -----	197	57	48	50	17	7	11	7	—	—	243
45 to 64 years -----	288	107	71	58	40	6	6	—	—	—	226
65 years and over -----	70	62	—	8	—	—	—	—	—	—	134
Female householder, no husband present -----	2 056	993	363	294	135	131	85	43	7	5	205
15 to 24 years -----	50	6	11	12	12	—	9	—	—	—	283
25 to 34 years -----	322	121	51	44	29	32	20	18	7	—	239
35 to 44 years -----	356	91	51	101	28	61	14	5	—	5	268
45 to 64 years -----	774	373	174	113	43	25	26	20	—	—	204
65 years and over -----	554	402	76	24	23	13	16	—	—	—	160
Median age -----	46.3	56.2	44.8	42.8	39.4	37.2	41.7	39.4	41.3	43.8	...
YEAR HOUSEHOLDER MOVED INTO UNIT											
1979 to March 1980 -----	1 116	115	136	259	142	150	173	61	36	44	317
1975 to 1978 -----	2 902	486	621	507	417	346	305	134	50	36	284
1970 to 1974 -----	1 991	587	415	397	214	155	118	56	16	33	249
1960 to 1969 -----	2 839	1 212	613	455	198	147	154	13	25	22	217
1959 or earlier -----	1 894	1 334	307	135	52	29	37	—	—	—	165
ROOMS											
1 to 3 rooms -----	130	74	21	17	6	12	—	—	—	—	186
4 rooms -----	1 708	1 053	310	190	86	30	39	—	—	—	180
5 rooms -----	3 706	1 418	914	604	296	253	167	50	4	—	224
6 rooms -----	2 716	800	510	524	315	227	255	40	34	11	255
7 rooms -----	1 342	259	221	227	198	169	133	101	34	—	292
8 or more rooms -----	1 140	130	116	191	122	136	193	73	55	124	354
Median -----	5.5	5.0	5.3	5.6	5.9	6.0	6.2	6.9	7.3	8.5+	...
YEAR STRUCTURE BUILT											
1975 to March 1980 -----	365	5	7	28	28	54	97	58	43	45	459
1970 to 1974 -----	289	29	45	46	35	35	43	19	16	21	335
1960 to 1969 -----	2 025	376	397	341	243	226	261	93	41	47	285
1950 to 1959 -----	3 097	1 054	632	558	344	201	220	59	22	7	239
1940 to 1949 -----	1 813	822	418	252	114	108	72	18	—	9	210
1939 or earlier -----	3 153	1 448	593	528	259	203	94	17	5	6	211
VALUE											
Less than \$10,000 -----	524	444	43	26	11	—	—	—	—	—	152
\$10,000 to \$19,999 -----	2 589	1 423	580	338	138	63	41	6	—	—	192
\$20,000 to \$29,999 -----	2 813	1 079	736	575	215	129	68	6	5	—	222
\$30,000 to \$39,999 -----	2 077	459	472	445	274	303	104	20	—	—	262
\$40,000 to \$49,999 -----	1 075	213	152	183	186	138	161	28	9	5	297
\$50,000 to \$59,999 -----	647	68	83	113	101	85	151	46	—	—	329
\$60,000 to \$79,999 -----	614	48	20	59	86	77	151	93	59	21	411
\$80,000 to \$99,999 -----	250	—	6	14	6	32	67	65	37	23	500
\$100,000 to \$149,999 -----	120	—	—	—	6	44	—	17	17	53	688
\$150,000 or more -----	33	—	—	—	—	—	—	—	—	33	750+
Median -----	\$27 400	\$20 000	\$24 900	\$28 300	\$34 400	\$36 800	\$51 100	\$66 000	\$76 000	\$114 900	...
SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979											
Less than 15 percent -----	5 022	2 172	1 153	728	392	237	224	51	6	59	215
15 to 19 percent -----	2 080	608	436	352	215	175	168	53	47	26	250
20 to 24 percent -----	1 115	295	134	184	123	158	154	45	11	11	285
25 to 29 percent -----	736	174	85	136	85	75	113	35	28	5	290
30 to 34 percent -----	422	108	67	61	74	47	29	19	17	—	280
35 percent or more -----	1 316	369	207	280	126	128	93	61	18	34	265
Not computed -----	51	8	10	12	8	7	6	—	—	—	281
Median -----	15.8	13.3	14.2	17.0	17.7	19.9	20.0	23.1	24.8	16.6	...
SELECTED CHARACTERISTICS											
Hearing equipment -----	10 742	3 734	2 092	1 753	1 023	827	787	264	127	135	239
Steam or hot water system -----	369	105	43	79	26	66	14	7	9	20	273
Central warm-air furnace or electric heat pump -----	8 088	2 655	1 578	1 342	823	587	670	238	102	93	244
Other built-in electric units -----	838	218	167	128	97	119	72	9	6	22	263
Floor, wall, or pipeless furnace -----	526	267	145	63	20	21	5	—	5	—	199
Other means -----	921	489	159	141	57	34	26	10	5	—	194
Air conditioning -----	6 127	1 852	1 030	1 020	616	536	599	222	117	135	259
Central system -----	2 735	521	302	367	326	348	452	182	102	135	327
1 or more individual room units -----	3 392	1 331	728	653	290	188	147	40	15	—	225
House heating fuel -----	10 742	3 734	2 092	1 753	1 023	827	787	264	127	135	239
Utility gas -----	8 869	3 302	1 770	1 499	844	602	533	188	68	63	232
Bottled, tank, or LP gas -----	38	5	21	—	—	12	—	—	—	—	233
Electricity -----	1 321	254	188	171	127	174	215	76	49	67	319
Fuel oil, kerosene, etc. -----	460	151	101	74	52	33	39	—	5	5	239
Other -----	54	22	12	9	—	6	—	—	5	—	221

Table B-6. Selected Monthly Owner Costs for Not Mortgaged Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

Muncie city

	Total	Less than \$50	\$50 to \$74	\$75 to \$99	\$100 to \$124	\$125 to \$149	\$150 to \$199	\$200 to \$249	\$250 or more	Median (dollars)
Specified owner-occupied housing units -----	4 116	28	488	1 147	1 086	701	450	99	117	109
PERSONS IN UNIT										
1 person -----	1 421	11	320	460	304	202	78	12	34	96
2 persons -----	2 001	13	143	562	567	371	241	54	50	112
3 persons -----	382	4	14	54	164	56	53	21	16	118
4 persons -----	167	—	6	43	30	41	31	5	11	128
5 persons -----	97	—	5	24	11	31	13	7	6	132
6 persons -----	27	—	—	—	5	—	22	—	—	169
7 persons -----	16	—	—	4	5	—	7	—	—	120
8 or more persons -----	5	—	—	—	—	—	5	—	—	175
Median -----	1.82	1.73	1.26	1.70	1.92	1.90	2.11	2.19	1.99	...
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER										
Married-couple families -----	2 228	—	127	564	691	390	310	69	77	115
15 to 24 years -----	17	—	—	7	10	—	—	—	—	104
25 to 34 years -----	28	—	5	12	6	—	—	—	5	94
35 to 44 years -----	107	—	—	15	30	32	24	6	—	132
45 to 64 years -----	947	—	44	176	271	242	147	31	36	123
65 years and over -----	1 129	—	78	354	374	116	139	32	36	109
Male householder, no wife present -----	362	19	66	124	61	63	18	11	—	94
15 to 24 years -----	—	—	—	—	—	—	—	—	—	—
25 to 34 years -----	22	7	—	7	—	8	—	—	—	89
35 to 44 years -----	33	—	—	12	10	6	—	5	—	111
45 to 64 years -----	64	6	6	25	11	10	6	—	—	95
65 years and over -----	243	6	60	80	40	39	12	6	—	92
Female householder, no husband present -----	1 526	9	295	459	334	248	122	19	40	100
15 to 24 years -----	10	—	—	—	—	4	—	—	6	250+
25 to 34 years -----	39	—	6	21	7	5	—	—	—	91
35 to 44 years -----	12	—	—	—	5	—	7	—	—	157
45 to 64 years -----	401	—	38	114	84	99	59	7	—	114
65 years and over -----	1 064	9	251	324	238	140	56	12	34	96
Median age -----	67.7	71.3	73.1	69.1	67.4	61.7	63.9	65.3	68.8	...
YEAR HOUSEHOLDER MOVED INTO UNIT										
1979 to March 1980 -----	188	7	23	50	42	36	25	5	—	108
1975 to 1978 -----	380	—	38	120	63	54	68	14	23	113
1970 to 1974 -----	308	—	23	44	98	74	35	—	34	122
1960 to 1969 -----	712	—	38	137	194	139	132	29	43	123
1959 or earlier -----	2 528	21	366	796	689	398	190	51	17	103
ROOMS										
1 to 3 rooms -----	81	—	11	54	16	—	—	—	—	89
4 rooms -----	1 195	6	270	474	269	115	55	—	6	92
5 rooms -----	1 450	11	164	411	504	237	102	14	7	107
6 rooms -----	827	—	31	173	197	232	180	6	8	126
7 rooms -----	361	4	7	26	90	80	73	23	58	142
8 or more rooms -----	202	7	5	9	10	37	40	56	38	191
Median -----	5.0	5.2	4.4	4.6	5.0	5.5	5.9	7.7	7.1	...
YEAR STRUCTURE BUILT										
1975 to March 1980 -----	55	—	7	18	11	6	5	—	8	106
1970 to 1974 -----	71	—	5	16	19	7	13	6	5	119
1960 to 1969 -----	338	—	24	32	50	78	112	8	34	145
1950 to 1959 -----	986	—	71	226	262	228	141	29	29	119
1940 to 1949 -----	812	6	87	253	229	133	75	14	15	107
1939 or earlier -----	1 854	22	294	602	515	249	104	42	26	100
VALUE										
Less than \$10,000 -----	430	9	127	135	81	56	22	—	—	90
\$10,000 to \$19,999 -----	1 168	13	200	475	246	153	69	6	6	95
\$20,000 to \$29,999 -----	1 141	6	111	366	404	160	61	11	22	105
\$30,000 to \$39,999 -----	690	—	24	150	258	154	93	—	11	117
\$40,000 to \$49,999 -----	305	—	19	21	72	111	82	—	—	134
\$50,000 to \$59,999 -----	137	—	7	—	25	33	59	6	7	153
\$60,000 to \$79,999 -----	133	—	—	—	—	20	51	40	22	196
\$80,000 to \$99,999 -----	73	—	—	—	—	14	13	22	24	222
\$100,000 to \$149,999 -----	20	—	—	—	—	—	—	6	14	250+
\$150,000 or more -----	19	—	—	—	—	—	—	8	11	250+
Median -----	\$23 300	\$18 500	\$15 300	\$18 800	\$25 800	\$27 200	\$38 300	\$75 500	\$77 000	...
SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979										
Less than 10 percent -----	1 787	19	141	445	487	354	222	67	52	115
10 to 14 percent -----	861	9	149	267	246	85	79	8	18	101
15 to 19 percent -----	499	—	80	142	118	123	23	7	6	106
20 to 24 percent -----	327	—	73	102	69	20	57	—	6	97
25 to 29 percent -----	182	—	28	37	55	28	20	—	14	112
30 to 34 percent -----	155	—	—	72	54	4	11	6	8	103
35 percent or more -----	263	—	11	56	57	77	38	11	13	127
Not computed -----	42	—	6	26	—	10	—	—	—	89
Median -----	11.5	10—	13.4	12.2	11.1	10—	10.2	10—	11.8	...
SELECTED CHARACTERISTICS										
Heating equipment -----	4 109	28	488	1 147	1 079	701	450	99	117	109
Steam or hot water system -----	116	6	—	4	14	34	33	8	17	150
Central warm-air furnace or electric heat pump -----	2 836	11	269	781	774	487	353	86	75	112
Other built-in electric units -----	286	7	25	66	84	69	29	—	6	113
Floor, wall, or pipeless furnace -----	264	—	87	96	67	14	—	—	87	99
Other means -----	607	4	107	200	140	97	35	5	19	99
Air conditioning -----	2 367	16	198	608	565	457	345	88	90	116
Central system -----	990	—	36	165	212	225	194	74	84	134
1 or more individual room units -----	1 377	16	162	443	353	232	151	14	6	105
House heating fuel -----	4 109	28	488	1 147	1 079	701	450	99	117	109
Utility gas -----	3 382	21	418	987	889	528	388	86	65	107
Battled, tank, or LP gas -----	68	—	6	45	17	—	—	—	—	91
Electricity -----	355	7	32	73	101	69	29	7	37	116
Fuel oil, kerosene, etc. -----	282	—	32	36	72	95	26	6	15	125
Other -----	22	—	—	6	—	9	7	—	—	139

Table B-7. Year Structure Built for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.]

Muncie city	Owner-occupied housing units						Renter-occupied housing units						
	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier	
		645	712	2 681	7 184	5 710		10 533	453	730	1 964	3 725	3 661
Occupied housing units	16 932												
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families	11 188	407	441	2 033	4 964	3 343	3 486	101	250	763	1 390	982	
15 to 24 years	431	30	40	87	189	85	1 077	71	121	330	426	129	
25 to 34 years	1 953	105	121	307	1 002	418	1 231	20	85	248	543	335	
35 to 44 years	2 020	103	68	445	893	511	481	—	8	114	169	190	
45 to 64 years	4 765	125	170	1 022	2 067	1 381	479	10	26	38	136	269	
65 years and over	2 019	44	42	172	813	948	218	—	10	33	116	59	
Male householder, no wife present	1 508	77	117	167	589	558	2 504	137	140	429	796	1 002	
15 to 24 years	121	6	23	25	31	36	1 057	73	43	218	370	353	
25 to 34 years	321	15	37	19	147	103	750	40	69	137	247	257	
35 to 44 years	281	33	33	27	84	104	193	12	19	39	15	108	
45 to 64 years	442	10	17	77	194	144	354	12	9	29	97	207	
65 years and over	343	13	7	19	133	171	150	—	6	67	77	77	
Female householder, no husband present	4 236	161	154	481	1 631	1 809	4 543	215	340	772	1 539	1 677	
15 to 24 years	82	9	11	6	33	23	1 459	37	108	312	590	412	
25 to 34 years	414	20	37	73	166	118	957	35	60	167	354	341	
35 to 44 years	412	28	16	105	135	128	350	16	51	32	133	118	
45 to 64 years	1 440	81	51	166	605	537	766	23	60	93	193	397	
65 years and over	1 888	23	39	131	692	1 003	1 011	104	61	168	269	409	
Median age	52.9	43.7	41.7	48.4	52.2	59.5	29.7	30.8	28.0	26.8	28.3	35.1	
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980	1 683	239	142	277	622	403	5 890	292	395	1 248	2 186	1 769	
1975 to 1978	3 817	406	234	716	1 470	991	3 067	161	265	528	1 004	1 109	
1970 to 1974	2 628	—	336	497	1 112	683	704	—	70	93	230	311	
1960 to 1969	3 914	—	—	1 191	1 564	1 159	561	—	—	95	179	287	
1959 or earlier	4 890	—	—	—	2 416	2 474	311	—	—	—	126	185	
ROOMS													
1 room	19	—	—	—	12	7	183	—	15	13	45	110	
2 rooms	23	—	—	6	—	17	799	36	77	167	274	245	
3 rooms	300	24	25	24	109	118	2 792	192	153	405	1 016	1 026	
4 rooms	3 670	149	272	330	1 892	1 027	3 457	175	363	848	1 105	966	
5 rooms	5 812	189	207	855	2 549	2 012	1 931	29	75	379	776	672	
6 rooms	3 819	143	68	752	1 652	1 204	860	15	38	92	321	394	
7 or more rooms	3 289	140	140	714	970	1 325	511	6	9	60	188	248	
Median	5.3	5.3	4.8	5.7	5.1	5.3	3.9	3.5	3.8	4.0	4.0	4.0	
PLUMBING FACILITIES BY PERSONS PER ROOM													
Complete plumbing for exclusive use	16 842	645	712	2 675	7 172	5 638	10 245	453	717	1 936	3 658	3 481	
0.50 or less	11 143	437	425	1 730	4 520	4 031	5 832	334	506	1 149	1 783	2 060	
0.51 to 1.00	5 297	208	276	889	2 459	1 465	3 930	119	153	736	1 633	1 289	
1.01 to 1.50	353	—	6	46	183	118	384	—	32	33	202	117	
1.51 or more	49	—	5	10	10	24	99	—	26	18	40	15	
Locking complete plumbing for exclusive use	90	—	—	6	12	72	288	—	13	28	67	180	
0.50 or less	41	—	—	6	—	35	122	—	6	13	24	79	
0.51 to 1.00	35	—	—	—	5	30	143	—	7	8	27	101	
1.01 to 1.50	14	—	—	—	7	7	11	—	—	—	11	—	
1.51 or more	—	—	—	—	—	—	12	—	—	7	5	—	
PERSONS IN UNIT													
1 person	3 523	142	192	351	1 370	1 468	3 724	228	306	593	1 104	1 493	
2 persons	6 011	233	166	941	2 653	2 018	3 107	163	231	773	1 068	872	
3 persons	3 027	86	139	573	1 310	919	1 628	23	74	277	665	589	
4 persons	2 528	107	121	517	1 082	701	1 174	25	71	224	470	384	
5 persons	1 206	50	80	176	485	415	571	14	30	63	257	207	
6 or more persons	637	27	14	123	284	189	329	—	18	34	161	116	
Median	2.32	2.27	2.49	2.58	2.34	2.19	2.00	1.49	1.76	2.00	2.21	1.89	
Total persons	46 143	1 805	1 984	7 801	19 576	14 977	23 571	762	1 403	4 260	9 181	7 965	
UNITS IN STRUCTURE													
1, detached or attached	15 567	441	365	2 422	7 016	5 323	4 126	32	69	526	1 978	1 521	
2	336	—	6	8	70	252	1 483	56	45	114	465	803	
3 and 4	116	6	—	4	25	81	1 458	22	19	96	590	731	
5 to 9	73	6	—	16	18	33	1 332	55	216	385	363	313	
10 to 49	108	32	40	4	24	8	1 647	248	276	587	264	272	
50 or more	7	—	7	—	—	—	289	12	36	181	39	21	
Mobile home or trailer, etc.	725	160	294	227	31	13	198	28	69	75	26	—	
SELECTED CHARACTERISTICS													
Heating equipment	16 921	645	712	2 681	7 184	5 699	10 533	453	730	1 964	3 725	3 661	
Steam or hot water system	559	—	—	105	223	231	1 005	—	24	177	191	613	
Central warm-air furnace or electric heat pump	12 542	522	596	2 118	5 349	3 957	5 470	173	316	955	2 140	1 886	
Other built-in electric units	1 239	96	54	290	611	188	1 643	269	338	627	300	109	
Floor, wall, or pipeless furnace	871	5	21	41	405	399	704	—	23	29	343	309	
Other means	1 710	22	41	127	596	924	1 711	11	29	176	751	744	
Air conditioning	9 740	492	539	1 833	4 263	2 613	3 767	393	536	1 139	897	802	
Central system	4 247	425	337	1 172	1 708	605	1 407	193	294	581	192	147	
1 or more individual room units	5 493	67	202	661	2 555	2 008	2 360	200	242	558	705	655	
House heating fuel	16 921	645	712	2 681	7 184	5 699	10 533	453	730	1 964	3 725	3 661	
Utility gas	13 771	162	500	2 097	5 897	5 115	7 428	35	228	891	2 968	3 306	
Bottled, tank, or LP gas	196	18	37	46	51	44	100	—	31	40	29	29	
Electricity	1 971	452	135	375	775	234	2 506	418	475	934	506	173	
Fuel oil, kerosene, etc.	907	8	40	145	450	264	362	—	27	63	164	108	
Other	76	5	—	18	11	42	137	—	—	45	47	45	
Income in 1979 below poverty level	1 321	18	36	102	487	678	3 399	92	188	481	1 238	1 400	
Percent below poverty level	7.8	2.8	5.1	3.8	6.8	11.9	32.3	20.3	25.8	24.5	33.2	38.2	
HOUSEHOLD INCOME IN 1979													
Less than \$5,000	1 750	30	46	168	570	936	2 898	111	184	371	974	1 258	
\$5,000 to \$9,999	2 769	52	119	234	1 101	1 263	3 058	135	185	555	1 215	968	
\$10,000 to \$12,499	1 471	49	86	186	585	565	1 137	41	98	276	381	341	
\$12,500 to \$14,999	1 214	52	37	153	550	422	811	31	51	194	270	265	
\$15,000 to \$19,999	2 665	141	131	354	1 221	818	1 326	71	98	254	503	400	
\$20,000 to \$24,999	2 339	111	92	371	1 133	632	668	19	79	152	209	209	
\$25,000 to \$34,999	2 762	88	87	587	1 365	635	453	23	35	121	125	149	
\$35,000 to \$49,999	1 246	78	46	411	293	127	16	—	24	43	44	44	
\$50,000 or more	716	44	68	217	241	146	55	6	—	17	5	27	
Median	\$17 427	\$19 949	\$17 500	\$23 547	\$18 172	\$13 039	\$8 816	\$8 963	\$9 886	\$10 507	\$8 719	\$7 663	
Mean	\$20 374	\$26 109	\$22 410	\$26 861	\$20 226	\$16 613	\$10 954	\$11 950	\$11 090	\$12 333	\$10 364	\$10 664	

Table B-8. Units in Structure for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and 8]

Muncie city

Muncie city	Owner-occupied housing units				Renter-occupied housing units							
	Total	1 unit, detached or attached	2 or more units	Mobile home or trailer, etc.	Total	1 unit, detached or attached	2 units	3 and 4 units	5 to 9 units	10 to 49 units	50 or more units	Mobile home or trailer, etc.
Occupied housing units												
Condominium housing units	16 932	15 567	640	725	10 533	4 126	1 483	1 458	1 332	1 647	289	198
Household type and age of householder	96	5	91	—	84	—	—	—	19	65	—	—
Married-couple families	11 188	10 548	299	341	3 486	1 880	382	365	337	379	53	90
15 to 24 years	431	356	24	51	1 077	370	159	108	136	226	30	48
25 to 34 years	1 953	1 830	55	68	1 231	760	102	111	114	114	7	23
35 to 44 years	2 020	1 960	34	26	481	300	60	55	53	13	—	—
45 to 64 years	4 765	4 507	116	142	479	333	47	52	9	16	16	6
65 years and over	2 019	1 895	70	54	218	117	14	39	25	10	—	13
Male householder, no wife present	1 508	1 242	96	170	2 504	802	422	399	322	424	80	55
15 to 24 years	121	75	5	41	1 057	297	211	219	115	173	18	24
25 to 34 years	321	246	21	54	750	240	97	95	120	149	31	18
35 to 44 years	281	230	37	14	193	49	16	36	31	36	12	13
45 to 64 years	442	374	14	54	354	131	57	39	56	52	19	—
65 years and over	343	317	19	7	150	85	41	10	—	14	—	—
Female householder, no husband present	4 236	3 777	245	214	4 543	1 444	679	694	673	844	156	53
15 to 24 years	82	66	5	11	1 459	481	226	249	209	252	32	10
25 to 34 years	414	369	15	30	957	315	152	139	182	121	33	15
35 to 44 years	412	377	13	22	350	167	32	34	32	66	—	19
45 to 64 years	1 440	1 245	85	110	766	274	144	92	126	100	30	9
65 years and over	1 888	1 720	127	41	1 011	207	125	180	124	305	61	—
Median age	52.9	53.0	57.0	49.1	29.7	31.1	28.2	28.4	29.9	28.2	33.4	30.2
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980	1 683	1 359	116	208	5 890	2 155	915	858	806	929	123	104
1975 to 1978	3 817	3 393	148	276	3 067	1 245	386	372	370	513	107	74
1970 to 1974	2 628	2 396	72	160	704	329	76	74	38	119	54	14
1960 to 1969	3 914	3 713	130	71	561	214	78	110	97	56	—	6
1959 or earlier	4 890	4 706	174	10	311	183	28	44	21	30	5	—
ROOMS												
1 room	19	19	—	—	183	10	—	15	26	118	14	—
2 rooms	23	12	11	—	799	122	71	146	205	213	36	6
3 rooms	300	193	48	59	2 792	462	537	659	421	610	103	—
4 rooms	3 670	3 033	218	419	3 457	1 267	534	467	436	523	82	148
5 rooms	5 812	5 366	216	230	1 931	1 172	261	105	167	135	54	37
6 rooms	3 819	3 717	90	12	860	627	68	50	60	48	—	7
7 or more rooms	3 289	3 227	57	5	511	466	12	16	17	—	—	—
Median	5.3	5.3	4.7	4.2	3.9	4.7	3.8	3.4	3.5	3.3	3.4	4.1
PLUMBING FACILITIES BY PERSONS PER ROOM												
Complete plumbing for exclusive use	16 842	15 511	606	725	10 245	4 105	1 421	1 377	1 290	1 565	289	198
0.50 or less	11 143	10 206	443	494	5 832	1 993	838	753	817	1 050	233	148
0.51 to 1.00	5 297	4 952	125	220	3 930	1 891	500	565	430	446	56	42
1.01 to 1.50	353	309	38	6	384	189	70	53	37	27	—	8
1.51 or more	49	44	—	5	99	32	13	6	6	42	—	—
Lacking complete plumbing for exclusive use	90	56	34	—	288	21	62	81	42	82	—	—
0.50 or less	41	28	13	—	122	8	33	25	25	31	—	—
0.51 to 1.00	35	21	14	—	143	8	18	56	10	51	—	—
1.01 to 1.50	14	7	7	—	11	—	11	—	—	—	—	—
1.51 or more	—	—	—	—	12	5	—	—	7	—	—	—
BEDROOMS												
None	19	19	—	—	329	37	11	41	65	155	20	—
1	845	637	145	63	3 783	728	682	883	563	775	140	12
2	6 952	6 092	307	553	4 612	1 978	702	444	550	658	124	156
3	7 434	7 172	153	109	1 429	1 070	82	72	122	48	5	30
4	1 396	1 374	22	—	327	272	6	9	29	11	—	—
5 or more	286	273	13	—	53	41	—	9	3	—	—	—
HOUSEHOLD INCOME IN 1979												
Less than \$5,000	1 750	1 525	131	94	2 898	897	439	562	397	520	62	21
\$5,000 to \$9,999	2 769	2 493	114	162	3 058	1 075	486	442	430	510	61	54
\$10,000 to \$12,499	1 471	1 331	34	106	1 137	409	119	192	145	166	67	39
\$12,500 to \$14,999	1 214	1 099	47	68	811	336	122	69	95	134	20	35
\$15,000 to \$19,999	2 665	2 441	87	137	1 326	675	167	133	117	200	16	18
\$20,000 to \$24,999	2 339	2 159	109	71	668	368	61	36	85	74	21	23
\$25,000 to \$34,999	2 762	2 631	65	66	453	257	55	8	52	31	42	8
\$35,000 to \$49,999	1 246	1 215	18	13	127	85	26	16	—	—	—	—
\$50,000 or more	716	673	35	8	55	24	8	—	11	12	—	—
Median	\$17 427	\$17 793	\$14 681	\$12 518	\$8 816	\$10 556	\$8 128	\$6 600	\$7 813	\$7 471	\$10 802	\$11 538
Mean	\$20 374	\$20 773	\$17 668	\$14 198	\$10 954	\$12 656	\$11 558	\$7 858	\$9 857	\$9 423	\$12 170	\$12 107
SELECTED CHARACTERISTICS												
Heating equipment	16 921	15 560	636	725	10 533	4 126	1 483	1 458	1 332	1 647	289	198
Steam or hot water system	559	527	32	—	1 005	94	68	223	202	286	132	—
Central warm-air furnace or electric heat pump	12 542	11 455	467	620	5 470	2 339	900	824	583	583	88	153
Other built-in electric units	1 239	1 165	51	23	1 643	277	151	94	378	677	54	12
Floor, wall, or pipeless furnace	871	844	9	18	704	467	83	62	62	13	8	9
Other means	1 710	1 569	77	64	1 711	949	281	255	107	88	7	24
Air conditioning	9 740	8 937	334	469	3 767	1 075	396	280	669	1 000	221	126
Central system	4 247	3 923	135	189	1 407	222	132	117	286	550	69	31
Vehicles available	15 707	14 476	544	687	8 515	3 489	1 182	1 106	1 079	1 233	240	186
1	6 521	5 815	308	398	5 498	1 802	833	856	820	894	197	96
2 or more	9 186	8 661	236	289	3 017	1 687	349	250	259	339	43	90
House heating fuel	16 921	15 560	636	725	10 533	4 126	1 483	1 458	1 332	1 647	289	198
Utility gas	13 771	12 817	483	471	7 428	3 482	1 211	1 175	701	609	153	97
Bottled, tank, or LP gas	196	127	13	56	100	19	3	35	18	16	—	9
Electricity	1 971	1 764	128	79	2 506	424	236	171	568	982	99	26
Fuel oil, kerosene, etc.	907	776	12	119	362	195	23	54	10	7	7	66
Other	76	76	—	—	137	6	10	23	35	33	30	—
Water heating fuel	16 916	15 551	640	725	10 511	4 121	1 483	1 458	1 325	1 637	289	198
Utility gas	11 327	10 783	423	121	6 492	2 882	1 053	1 029	710	635	153	30
Bottled, tank, or LP gas	121	79	21	21	195	59	28	60	6	42	—	—
Electricity	5 454	4 675	196	583	3 706	1 163	402	344	577	946	106	168
Fuel oil, kerosene, etc.	8	8	—	—	42	11	—	18	6	—	7	—
Other	6	6	—	—	76	6	—	7	26	14	23	—
Family householder	13 053	12 249	377	427	5 294	2 653	708	612	552	568	73	128
With own children under 18 years	5 874	5 523	133	218	3 229	1 814	414	352	296	284	12	57
With own children under 6 years	2 160	2 009	71	80	1 922	988	292	252	154	184	7	45
Female householder, no husband present	1 513	1 386	54	73	1 552	654	301	216	188	153	20	20
With own children under 18 years	790	716	20	54	1 253	543	223	177	152	134	12	12
With own children under 6 years	206	192	5	9	620	203	153	107	59	79	7	12
Nonfamily householder	3 879	3 318	263	298	5 239	1 473	775	846	780	1 079	216	70
Income in 1979 below poverty level	1 321	1 181	93	47	3 399	1 215	550	623	433	490	62	26
Percent below poverty level	7.8</											

Table B-9. Owner- and Renter-Occupied Housing Units by Size of Household: 1980

[Data are estimates based on a sample, see introduction. For meaning of symbols, see introduction. For definitions of terms, see appendices A and B.]

Muncie city

	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 or more persons	Median	Total persons
Owner-occupied housing units	16 932	3 523	6 011	3 027	2 528	1 206	403	151	83	2.32	46 143
Nonrelatives present	590	—	275	124	97	48	34	5	7	2.66	2 021
ROOMS											
1 to 3 rooms	342	199	91	41	6	—	5	—	—	1.36	600
4 rooms	3 670	1 251	1 435	608	237	95	34	10	—	1.91	7 873
5 rooms	5 812	1 306	2 155	1 014	789	370	104	46	28	2.24	15 337
6 rooms	3 819	515	1 401	683	752	323	104	36	5	2.50	11 125
7 rooms	1 839	163	560	405	432	183	61	17	18	2.99	5 903
8 or more rooms	1 450	89	369	276	312	235	95	42	32	3.47	5 305
Median	5.3	4.7	5.2	5.4	5.8	5.9	6.1	6.0	7.0	...	...
PLUMBING FACILITIES BY PERSONS PER ROOM											
Complete plumbing for exclusive use	16 842	3 512	5 978	2 998	2 523	1 201	396	151	83	2.32	45 834
1.00 or less	16 440	3 512	5 978	2 998	2 517	1 106	260	59	10	2.29	43 260
1.01 to 1.50	353	—	—	—	6	95	131	82	39	6.08	2 276
1.51 or more	49	—	—	—	—	—	5	10	34	8.45	298
Locking complete plumbing for exclusive use	90	11	33	29	5	5	7	—	—	2.53	309
1.00 or less	76	11	33	22	5	5	—	—	—	2.32	243
1.01 to 1.50	14	—	—	7	—	—	7	—	—	4.50	66
1.51 or more	—	—	—	—	—	—	—	—	—	—	—
UNITS IN STRUCTURE											
1, detached or attached	15 567	3 013	5 590	2 774	2 453	1 137	381	136	83	2.35	42 639
2 or more	640	225	194	112	36	41	22	10	—	1.99	1 852
Mobile home or trailer, etc.	725	285	227	141	39	28	—	5	—	1.84	1 652
VALUE											
Specified owner-occupied housing units	14 858	2 859	5 339	2 628	2 357	1 095	366	136	78	2.36	40 556
Less than \$10,000	954	359	276	145	102	12	27	20	13	1.93	2 260
\$10,000 to \$19,999	3 757	936	1 215	675	540	249	95	18	29	2.28	9 413
\$20,000 to \$29,999	3 954	732	1 432	676	603	380	75	36	20	2.37	11 112
\$30,000 to \$39,999	2 767	441	1 085	473	442	223	52	40	11	2.37	7 920
\$40,000 to \$49,999	1 380	190	595	224	272	70	29	—	—	2.34	3 976
\$50,000 to \$59,999	784	96	293	171	142	40	37	5	—	2.52	2 115
\$60,000 to \$79,999	747	67	262	174	172	45	21	6	—	2.76	2 118
\$80,000 to \$99,999	323	30	124	62	46	44	17	—	—	2.62	913
\$100,000 to \$149,999	140	8	37	28	22	21	13	6	5	3.39	520
\$150,000 or more	52	—	20	16	11	—	5	—	3.88	209	
Median	\$26 100	\$21 300	\$27 600	\$27 200	\$28 500	\$26 200	\$26 700	\$27 500	\$19 500	...	...
SELECTED CHARACTERISTICS											
All income levels in 1979	16 932	3 523	6 011	3 027	2 528	1 206	403	151	83	2.32	46 143
Median income	\$17 427	\$7 616	\$17 273	\$21 451	\$22 554	\$21 481	\$23 051	\$20 298	\$23 958	...	...
Median selected monthly owner costs as percentage of household income	14.6	21.1	12.8	13.2	15.0	15.6	13.4	14.4	16.4	...	...
With a mortgage	15.8	24.9	14.5	14.0	15.5	16.3	13.8	15.8	17.1	...	...
Not mortgaged	11.5	18.1	10—	10—	10—	10—	10—	10—	10—	...	...
Income in 1979 below poverty level	1 321	521	299	205	128	92	30	25	21	1.97	...
Median income	\$3 342	\$2 822	\$3 213	\$3 551	\$3 846	\$7 308	\$6 875	\$6 563	\$6 042	...	...
Renter-occupied housing units	10 533	3 724	3 107	1 628	1 174	571	187	94	48	2.00	23 571
Nonrelatives present	1 855	—	929	392	307	145	59	20	3	2.50	5 319
ROOMS											
1 room	183	159	19	—	5	—	—	—	—	1.08	185
2 rooms	799	599	153	27	13	7	—	—	—	1.17	997
3 rooms	2 792	1 634	885	230	19	24	—	—	—	1.35	4 098
4 rooms	3 457	876	1 248	740	334	210	39	10	—	2.18	7 965
5 rooms	1 931	335	575	348	488	118	55	8	4	2.66	5 275
6 rooms	860	92	168	185	184	100	65	25	41	3.42	2 975
7 or more rooms	511	29	59	98	131	112	28	51	3	4.03	2 076
Median	3.9	3.2	3.9	4.3	4.9	4.9	5.5	6.6	6.0	...	...
PLUMBING FACILITIES BY PERSONS PER ROOM											
Complete plumbing for exclusive use	10 245	3 576	3 032	1 607	1 154	565	176	94	41	2.01	23 001
1.00 or less	9 762	3 576	3 013	1 580	1 122	324	93	51	3	1.93	20 553
1.01 to 1.50	384	—	27	19	210	83	33	12	5.20	2 015	
1.51 or more	99	—	19	—	13	31	—	10	26	5.06	433
Locking complete plumbing for exclusive use	288	148	75	21	20	6	11	—	7	1.47	570
1.00 or less	265	148	75	21	15	6	—	11	—	1.40	445
1.01 to 1.50	11	—	—	—	5	—	—	—	7	6.00	31
1.51 or more	12	—	—	—	—	—	—	—	7	8.5+	94
UNITS IN STRUCTURE											
1, detached or attached	4 126	864	1 063	796	809	359	137	76	22	2.67	11 553
2	1 483	513	538	223	113	58	27	11	—	1.92	3 196
3 and 4	1 458	614	447	260	63	72	2	—	—	1.76	2 788
5 to 9	1 332	595	444	119	85	46	21	7	15	1.66	2 536
10 to 49	1 647	885	451	191	86	23	—	—	11	1.43	2 723
50 or more	289	208	61	15	5	—	—	—	—	1.19	367
Mobile home or trailer, etc.	198	45	103	24	13	13	—	—	—	2.02	408
GROSS RENT											
Specified renter-occupied housing units	10 357	3 655	3 074	1 611	1 158	547	177	87	48	2.00	23 063
Less than \$100	767	451	130	54	61	46	7	11	13	1.35	1 357
\$100 to \$149	2 070	879	744	296	118	13	17	—	3	1.71	3 813
\$150 to \$199	2 416	1 014	688	371	160	108	64	11	—	1.78	4 800
\$200 to \$249	2 229	693	724	365	269	133	21	17	7	2.08	5 102
\$250 to \$299	1 451	369	496	298	178	55	25	26	4	2.22	3 488
\$300 to \$349	575	86	105	94	163	80	17	11	19	3.52	1 909
\$350 to \$399	200	17	46	62	29	42	—	—	4	3.10	740
\$400 to \$499	233	7	46	31	100	33	8	8	—	3.82	779
\$500 or more	101	7	5	13	35	24	10	7	—	4.23	369
No cash rent	315	132	90	27	45	13	8	8	—	1.78	706
Median	\$195	\$169	\$195	\$208	\$227	\$241	\$198	\$266	\$294	...	...
SELECTED CHARACTERISTICS											
All income levels in 1979	10 533	3 724	3 107	1 628	1 174	571	187	94	48	2.00	23 571
Median income	\$8 816	\$6 729	\$9 322	\$9 009	\$12 837	\$9 566	\$14 469	\$14 375	\$9 500	...	...
Median gross rent as percentage of household income	26.1	27.7	24.1	26.7	23.2	32.1	19.6	29.8	21.9	...	...
Income in 1979 below poverty level	3 399	1 022	892	576	481	297	57	42	32	2.26	...
Median income	\$3 380	\$2 500—	\$3 324	\$3 897	\$4 931	\$5 739	\$7 868	\$11 154	\$6 875	...	...
Median gross rent as percentage of household income	50+	50+	50+	50+	47.0	47.0	32.9	34.2	23.6	...	...

Table B-10. Household Composition and Age of Householder for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Appendixes A and B.]

Muncie city	Married-couple families						Male householder, no wife present						Female householder, no husband present					
	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Median age		
Total	16 932	431	1 953	2 020	4 765	2 019	121	321	281	442	343	82	414	412	1 440	1 888	52.9	
Owner-occupied housing units																		
PERSONS IN UNIT																		
1 person	3 523	—	236	167	2 335	1 704	74	19	180	246	268	57	69	927	1 477	64.8		
2 persons	6 011	1 433	522	379	1 855	245	18	31	131	159	110	146	89	299	307	60.5		
3 persons	3 027	541	749	847	527	42	10	—	27	8	6	82	105	75	57	46.7		
4 persons	2 528	22	332	430	278	14	—	7	13	—	—	13	49	25	42	38.9		
5 persons	1 206	94	197	240	14	—	7	7	13	—	—	13	49	25	42	44.1		
6 or more persons	6 637	2 454	3 77	4 05	2 44	2.09	1.32	1.30	1.28	1.40	1.14	2.05	2.95	1.28	1.14	38.9		
Median	2 332	1 340	7 683	8 505	13 866	4 630	215	603	510	442	789	1 234	2 410	2 581	2 581	44.1		
Total persons	46 143	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
PLUMBING FACILITIES BY PERSONS PER ROOM																		
Complete plumbing for exclusive use	16 842	424	1 953	2 008	4 734	2 013	121	321	274	437	333	82	414	412	1 440	1 876	52.8	
1.01 or more persons per room	402	6	71	136	91	14	—	—	7	13	—	—	6	19	26	—	40.2	
Lacking complete plumbing for exclusive use	90	—	—	—	—	—	—	—	7	5	—	—	—	—	—	—	59.5	
1.01 or more persons per room	14	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	40.0	
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979																		
Specified owner-occupied housing units	14 858	346	1 776	1 886	4 282	1 789	70	232	230	352	313	60	361	356	1 175	1 618	52.7	
With a mortgage	10 742	329	1 748	1 779	3 335	660	70	210	197	288	70	50	57	554	1 175	1 618	46.3	
Less than 15 percent	5 022	105	670	972	2 231	327	38	59	70	140	14	—	—	177	113	48.5		
15 to 19 percent	2 080	66	352	422	589	115	—	37	65	143	18	—	31	58	185	79	44.8	
20 to 24 percent	1 115	51	277	145	192	71	12	78	25	19	8	—	32	49	73	83	40.0	
25 to 29 percent	736	46	196	95	109	45	7	10	18	14	5	—	54	55	41	38.4		
30 to 34 percent	422	15	80	36	69	41	8	21	—	20	4	5	24	12	45	42	47.6	
35 percent or more	1 316	38	168	109	137	61	5	13	5	13	21	45	124	109	196	196	48.3	
Not computed	16.2	8	17.9	14.3	12.3	15.1	—	—	—	—	—	18	—	—	—	—	37.6	
Median	11.6	7	28	107	94.7	1 129	—	22	33	44	243	10	44.4	28.8	20.7	25.2	67.7	
Not mortgaged	1 787	12	22	77	713	488	—	14	28	60	67	—	—	—	—	—	63.0	
Less than 10 percent	861	—	—	17	133	310	—	—	4	—	54	4	28	5	28	21.3	62.0	
10 to 14 percent	499	—	—	8	58	102	—	8	—	—	31	6	6	5	95	191	70.4	
15 to 19 percent	327	5	—	—	10	74	—	—	—	—	20	6	—	7	30	175	69.5	
20 to 24 percent	182	—	—	—	15	61	—	—	—	—	12	—	—	—	18	76	73.7	
25 to 29 percent	155	—	—	—	7	38	—	—	—	—	22	—	—	—	28	60	70.7	
30 to 34 percent	263	6	5	5	5	51	—	5	—	—	37	—	—	—	31	117	73.8	
35 percent or more	42	—	—	10	—	10	—	11.2	—	—	10	—	—	—	5	12	64.2	
Not computed	11.5	—	—	—	—	—	—	—	—	—	15.1	—	20.8	13.0	20.7	15.7	—	
Median	10 533	1 077	1 231	481	479	218	1 057	750	193	354	150	1 459	957	350	766	1 011	29.7	
Renter-occupied housing units																		
PERSONS IN UNIT																		
1 person	3 724	—	320	101	219	164	—	463	498	127	296	117	463	265	87	492	916	43.0
2 persons	3 107	653	212	302	107	96	44	151	325	40	25	27	490	271	69	164	83	25.8
3 persons	1 628	174	315	129	98	59	10	78	34	10	33	6	218	228	68	64	5	27.6
4 persons	571	28	209	130	85	30	10	34	19	16	—	6	183	80	67	26	7	29.1
5 persons	329	—	—	—	—	—	—	—	—	—	—	—	75	68	25	6	—	29.6
6 or more persons	2 000	23	4 206	3 75	85	2.71	2.16	1.70	1.25	1.26	1.10	1.14	3.04	2.29	34	14	34.9	
Median	23 571	2 639	—	—	—	1 416	505	2 112	1 151	298	409	197	3 118	2 412	2.78	1.28	1.05	—
Total persons	10 533	1 077	1 231	481	479	218	1 057	750	193	354	150	1 459	957	350	766	1 011	29.7	
PLUMBING FACILITIES BY PERSONS PER ROOM																		
Complete plumbing for exclusive use	10 245	1 013	1 214	446	458	201	1 014	737	187	323	150	1 448	922	340	746	986	29.5	
1.01 or more persons per room	483	4	163	17	35	21	17	43	13	6	31	—	—	—	—	—	30.7	
Lacking complete plumbing for exclusive use	288	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	37.4	
1.01 or more persons per room	23	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	40.4	
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979																		
Specified renter-occupied housing units	10 357	1 089	1 218	470	456	218	1 053	744	193	326	138	1 443	936	343	749	991	29.5	
Less than 15 percent	1 995	151	366	157	180	15	105	180	82	148	14	39	108	40	69	106	31.5	
15 to 19 percent	1 648	225	285	135	49	30	70	151	102	48	13	135	97	41	159	154	32.7	
20 to 24 percent	1 095	180	105	106	28	22	82	37	4	36	16	135	64	27	38	86	28.8	
25 to 29 percent	731	50	91	28	28	12	34	86	35	7	6	124	85	27	41	68	28.1	
30 to 34 percent	1 281	157	88	19	43	19	47	46	27	125	89	38	223	114	51	92	189	28.3
35 to 49 percent	2 229	120	128	38	47	46	28	33	9	52	71	5	218	69	83	205	238	26.0
50 percent or more	4 465	21	38	7	7	52	18.9	17.8	16.9	14	16	20	99	21	8	34	65	38.8
Median	26.1	—	—	—	—	—	—	—	—	—	15.8	17.3	20.1	45.6	30.6	27.4	32.4	—

Table B-11. Age and Sex of Householder in One-Person Households for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and 8.]

Muncie city	Total	Male householder						Female householder					
		Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over
Owner-occupied housing units	3 523	969	74	201	180	246	268	2 554	24	57	69	927	1 477
PLUMBING FACILITIES													
Complete plumbing for exclusive use	3 512	964	74	201	180	246	263	2 548	24	57	69	927	1 471
Locking complete plumbing for exclusive use	11	5	—	—	—	—	5	6	—	—	—	—	6
UNITS IN STRUCTURE													
1, detached or attached	3 013	765	39	139	149	196	242	2 248	17	57	50	773	1 351
2 or more	225	60	—	14	24	3	19	165	—	—	13	67	85
Mobile home or trailer, etc.	285	144	35	48	7	47	7	141	7	—	6	87	41
HOUSEHOLD INCOME IN 1979													
Less than \$5,000	1 148	155	—	17	6	16	116	993	6	—	12	336	639
\$5,000 to \$9,999	1 077	176	23	20	10	40	83	901	5	28	25	286	557
\$10,000 to \$12,499	383	128	19	19	27	37	26	255	13	—	20	119	103
\$12,500 to \$14,999	200	100	19	40	7	18	16	100	—	5	—	44	51
\$15,000 to \$19,999	337	182	6	57	34	79	6	155	—	24	12	68	51
\$20,000 to \$24,999	216	157	7	41	69	33	7	59	—	—	38	21	21
\$25,000 to \$34,999	104	47	—	7	27	6	7	57	—	—	—	36	21
\$35,000 to \$49,999	36	10	—	—	—	10	—	26	—	—	—	—	26
\$50,000 or more	22	14	—	—	—	7	7	8	—	—	—	—	8
Median	\$7 616	\$13 137	\$11 842	\$15 592	\$20 263	\$15 566	\$5 703	\$6 452	\$10 192	\$12 750	\$9 750	\$7 005	\$5 754
Mean	\$10 363	\$14 202	\$12 140	\$14 973	\$18 430	\$16 206	\$9 515	\$8 906	\$8 474	\$12 547	\$9 594	\$8 789	\$8 813
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS													
Specified owner-occupied housing units	2 859	742	39	130	149	186	238	2 117	17	57	50	721	1 272
With a mortgage	1 438	486	39	123	121	156	47	952	17	57	50	429	399
Less than \$200	773	202	6	45	37	67	47	571	6	17	13	255	280
\$200 to \$249	282	126	15	31	40	40	—	156	5	6	5	82	58
\$250 to \$299	171	87	13	13	25	36	—	84	—	—	19	47	18
\$300 to \$349	96	29	5	11	—	13	—	67	6	9	6	23	23
\$350 to \$399	60	18	—	11	7	—	—	42	—	14	7	8	13
\$400 to \$499	30	17	—	12	5	—	—	13	—	—	—	6	7
\$500 to \$599	26	7	—	—	7	—	—	19	—	11	—	8	—
\$600 to \$749	—	—	—	—	—	—	—	—	—	—	—	—	—
\$750 or more	—	—	—	—	—	—	—	—	—	—	—	—	—
Median	\$192	\$216	\$245	\$227	\$229	\$214	\$132	\$180	\$225	\$331	\$268	\$182	\$161
Not mortgaged	1 421	256	—	7	28	30	191	1 165	—	—	—	292	873
Less than \$50	11	6	—	—	—	6	5	5	—	—	—	—	—
\$50 to \$74	320	66	—	—	—	6	60	254	—	—	—	38	216
\$75 to \$99	460	93	—	7	12	20	54	367	—	—	—	102	265
\$100 to \$124	304	54	—	—	10	4	40	250	—	—	—	48	202
\$125 to \$149	202	25	—	—	6	—	19	177	—	—	—	77	100
\$150 to \$199	78	6	—	—	—	6	72	—	—	—	—	27	45
\$200 to \$249	12	6	—	—	—	6	6	—	—	—	—	—	6
\$250 or more	34	—	—	—	—	—	34	—	—	—	—	—	34
Median	\$96	\$90	—	\$88	\$105	\$86	\$89	\$97	—	—	—	\$103	\$95
SELECTED CHARACTERISTICS													
Median selected monthly owner costs as percentage of household income in 1979	21.1	17.2	25.4	20.3	15.6	14.5	18.3	22.6	37.9	27.9	27.1	21.8	21.9
With a mortgage	24.9	19.7	25.4	20.6	17.8	16.7	26.5	30.8	37.9	27.9	27.1	30.1	32.9
Not mortgaged	18.1	12.7	—	10	10	10	16.5	19.0	—	—	—	17.5	19.4
Income in 1979 below poverty level	521	68	—	10	6	16	36	453	—	—	7	234	212
Percent below poverty level	14.8	7.0	—	5.0	3.3	6.5	13.4	17.7	—	—	10.1	25.2	14.4
Renter-occupied housing units	3 724	1 501	463	498	127	296	117	2 223	463	265	87	492	916
PLUMBING FACILITIES													
Complete plumbing for exclusive use	3 576	1 439	443	493	121	265	117	2 137	457	233	77	479	891
Locking complete plumbing for exclusive use	148	62	20	5	6	31	—	86	6	32	10	13	25
UNITS IN STRUCTURE													
1, detached or attached	864	414	126	116	14	100	58	450	70	44	17	145	174
2	513	213	83	47	5	43	35	300	77	25	17	86	95
3 and 4	614	257	105	83	29	30	10	357	58	51	8	77	163
5 to 9	595	234	55	92	31	56	—	361	98	75	—	79	109
10 to 49	885	279	70	111	36	48	14	606	137	37	39	88	305
50 or more	208	80	18	31	12	19	—	128	17	33	—	17	61
Mobile home or trailer, etc.	45	24	6	18	—	—	—	21	6	—	6	—	9
HOUSEHOLD IN 1979													
Less than \$5,000	1 429	427	221	55	5	74	72	1 002	237	62	10	185	508
\$5,000 to \$9,999	1 067	366	114	120	30	75	27	701	154	81	36	173	257
\$10,000 to \$12,499	453	208	49	108	5	46	—	245	46	66	22	48	63
\$12,500 to \$14,999	208	101	26	53	14	8	—	107	5	30	—	38	34
\$15,000 to \$19,999	327	221	34	116	31	28	12	106	15	22	19	23	27
\$20,000 to \$24,999	119	92	12	40	11	29	—	27	6	4	—	10	7
\$25,000 to \$34,999	103	68	7	6	25	24	6	35	—	—	—	15	20
\$35,000 to \$49,999	—	—	—	—	—	—	—	—	—	—	—	—	—
\$50,000 or more	18	18	—	—	6	12	—	—	—	—	—	—	—
Median	\$6 729	\$9 356	\$5 417	\$11 713	\$16 250	\$9 900	\$4 496	\$5 644	\$4 857	\$9 153	\$9 716	\$7 007	\$4 659
Mean	\$8 530	\$11 064	\$6 890	\$12 164	\$19 130	\$13 830	\$7 150	\$6 818	\$5 424	\$8 581	\$9 318	\$7 785	\$6 257
GROSS RENT													
Specified renter-occupied housing units	3 655	1 480	463	498	127	287	105	2 175	456	256	80	487	896
Less than \$100	451	88	27	20	—	24	17	363	17	40	10	42	254
\$100 to \$149	879	411	103	104	49	123	32	468	84	47	11	149	177
\$150 to \$199	1 014	463	158	180	12	81	32	551	159	91	19	118	164
\$200 to \$249	693	253	63	132	28	24	6	440	146	39	28	74	153
\$250 to \$299	369	135	69	49	6	6	5	234	36	30	7	69	92
\$300 to \$349	86	63	26	13	18	6	—	23	—	9	5	5	4
\$350 to \$399	17	—	—	—	—	—	—	17	8	—	—	9	—
\$400 to \$499	7	—	—	—	—	—	—	7	—	—	—	7	—
\$500 or more	7	7	—	—	—	7	—	—	—	—	—	—	—
No cash rent	132	60	17	—	14	16	13	72	6	—	—	14	52
Median	\$169	\$173	\$179	\$187	\$161	\$144	\$149	\$168	\$184	\$164	\$195	\$169	\$147
SELECTED CHARACTERISTICS													
Median gross rent as percentage of household income in 1979	27.7	22.4	38.2	20.6	15.9	15.7	32.9	31.4	38.8	24.2	26.8	29.0	33.2
Income in 1979 below poverty level	1 022	294	191	25	5	43	30	728	195	47	10	155	321
Percent below poverty level	27.4	19.6	41.3	5.0	—	14.5	25.6	32.7	42.1	17.7	11.5	31.5	35.0

Table B-12. Duration of Vacancy for Year-Round Vacant for Sale and Vacant for Rent Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B]

Muncie city	Total	Less than 2 months	2 up to 6 months	6 or more months	Muncie city	Total	Less than 2 months	2 up to 6 months	6 or more months
Vacant for sale only housing units	231	62	70	99	Vacant for rent housing units	795	422	188	185
ROOMS					ROOMS				
1 to 3 rooms	18	4	8	6	1 room	53	18	8	27
4 rooms	57	6	15	36	2 rooms	53	24	23	6
5 rooms	80	23	21	36	3 rooms	256	150	69	37
6 rooms	37	17	14	6	4 rooms	221	129	49	43
7 rooms	12	6	—	6	5 rooms	106	45	25	36
8 or more rooms	27	6	12	9	6 rooms	38	24	14	—
Median	5.0	5.4	5.1	4.7	7 or more rooms	68	32	—	36
PLUMBING FACILITIES					Median	3.7	3.6	3.4	4.0
Complete plumbing for exclusive use	231	62	70	99	PLUMBING FACILITIES				
Locking complete plumbing for exclusive use	—	—	—	—	Complete plumbing for exclusive use	744	410	179	155
BEDROOMS					Locking complete plumbing for exclusive use	51	12	9	30
None	—	—	—	—	BEDROOMS				
1	29	4	8	17	None	66	31	8	27
2	94	30	25	39	1	321	170	99	52
3	77	28	21	28	2	258	135	67	56
4	31	—	16	15	3	113	68	9	36
5 or more	—	—	—	—	4	15	11	—	4
YEAR STRUCTURE BUILT					5 or more	22	7	5	10
1975 to March 1980	33	4	21	8	YEAR STRUCTURE BUILT				
1970 to 1974	11	—	4	7	1975 to March 1980	34	17	3	14
1960 to 1969	50	17	18	15	1970 to 1974	24	17	7	—
1950 to 1959	27	15	6	6	1960 to 1969	90	52	18	20
1940 to 1949	30	—	4	26	1950 to 1959	98	57	19	22
1939 or earlier	80	26	17	37	1940 to 1949	142	91	29	22
UNITS IN STRUCTURE					1939 or earlier	407	188	112	107
1, detached or ottoched	174	51	54	69	UNITS IN STRUCTURE				
2 or more	43	4	16	23	1, detached or ottoched	284	127	61	96
Mobile home or trailer	14	7	—	7	2	150	89	39	22
HEATING EQUIPMENT					3 and 4	176	118	48	10
Central heating system	195	55	64	76	5 to 9	51	28	20	3
Other means	36	7	6	23	10 to 49	107	51	17	39
None	—	—	—	—	50 or more	6	6	—	—
PRICE ASKED					Mobile home or trailer	21	3	3	15
Specified vacant for sale only housing units	174	51	54	69	RENT ASKED				
Less than \$10,000	6	—	6	—	Specified vacant for rent housing units	795	422	188	185
\$10,000 to \$19,999	55	16	6	—	Less than \$100	107	45	11	51
\$20,000 to \$29,999	29	11	9	—	\$100 to \$149	278	125	83	70
\$30,000 to \$39,999	42	14	7	—	\$150 to \$199	275	158	68	49
\$40,000 to \$49,999	15	4	5	—	\$200 to \$249	88	75	7	6
\$50,000 to \$59,999	5	—	5	—	\$250 to \$299	34	19	10	5
\$60,000 to \$79,999	—	—	—	—	\$300 to \$399	13	—	9	4
\$80,000 to \$99,999	16	—	16	—	\$400 or more	—	—	—	—
\$100,000 or more	6	6	—	—	Median	\$152	\$164	\$150	\$129
Median	\$28	100	\$29	200		\$20	400		

Table B-13. Price Asked and Rent Asked for Year-Round Vacant Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B]

Muncie city	Price asked—Specified vacant for sale only housing units						Rent asked—Specified vacant for rent housing units							
	Total	Less than \$10,000	\$10,000 to \$29,999	\$30,000 to \$49,999	\$50,000 to \$99,999	\$100,000 or more	Median (dollars)	Total	Less than \$100	\$100 to \$199	\$200 to \$299	\$300 to \$399	\$400 or more	
Total	174	6	84	57	21	6	28 100	795	107	553	122	13	—	152
PLUMBING FACILITIES														
Complete plumbing for exclusive use	174	6	84	57	21	6	28 100	744	71	538	122	13	—	155
Locking complete plumbing for exclusive use	—	—	—	—	—	—	—	51	36	15	—	—	—	71
BEDROOMS														
None	—	—	—	—	—	—	—	66	37	29	—	—	—	78
1	19	—	19	—	—	—	—	321	28	249	39	5	—	148
2	54	6	31	12	5	—	15 200	258	27	191	36	4	—	165
3	70	—	25	39	—	6	35 800	113	8	70	35	—	—	174
4	31	—	9	6	16	—	80 600	15	—	8	7	—	—	179
5 or more	—	—	—	—	—	—	—	22	7	6	5	4	—	157
YEAR STRUCTURE BUILT														
1975 to March 1980	5	—	—	—	5	—	52 500	34	—	27	7	—	—	157
1970 to 1974	4	—	—	—	4	—	95 000	24	—	4	20	—	—	233
1960 to 1969	47	—	6	23	12	6	38 800	90	11	48	27	4	—	168
1950 to 1959	27	—	17	10	—	—	27 800	98	—	81	13	4	—	164
1940 to 1949	25	—	12	13	—	—	35 400	142	14	105	23	—	—	147
1939 or earlier	66	6	49	11	—	—	16 500	407	82	288	32	5	—	142
UNITS IN STRUCTURE														
1, detached or ottoched	174	6	84	57	21	6	28 100	284	21	220	39	4	—	152
2 or more	490	79	319	9	—	—	152
Mobile home or trailer	21	7	14	—	—	—	161

Appendix A.—Area Classifications

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REGIONS

Regions are large groups of States that form the first-order subdivisions of the United States for census purposes. The four regions are the Northeast, North Central, South, and West.

STATES

The 50 States and the District of Columbia are the constituent units of the United States.

PLACES

Two types of places are recognized in the census reports—incorporated places and census designated places—as defined below. Places with a 1980 population below 50,000 are not shown in this report unless they are central cities of standard metropolitan statistical areas.

Incorporated Places

Incorporated places recognized in the reports of the census are those which are incorporated under the laws of their respective States as cities, boroughs, towns, and villages, with the following exceptions: boroughs in Alaska and New York, and towns in the six

New England States, New York, and Wisconsin.

Census Designated Places

As in the 1950, 1960, and 1970 censuses, the Census Bureau has delineated boundaries for closely settled population centers without corporate limits. In 1980, the name of each such place is followed by "(CDP)," meaning "census designated place." In the 1970 and earlier censuses, these places were identified by "(U)," meaning "unincorporated place."

Census designated place boundaries change with changes in the settlement pattern; a place which has the same name as in previous censuses does not necessarily have the same boundaries. Boundary outlines for CDP's appear on the county subdivision maps in the HC80-1-A, *General Housing Characteristics*, reports for States. Detailed maps are available for purchase from the Census Bureau.

Eleven states, (Connecticut, Maine, Massachusetts, Michigan, New Hampshire, New York, New Jersey, Pennsylvania, Rhode Island, Vermont, and Wisconsin), contain towns or townships which are coextensive with census designated places (CDP's). Data for these areas are not shown in the tables.

STANDARD METROPOLITAN STATISTICAL AREAS

Definition

The general concept of a metropolitan area is one of a large population nucleus, together with adjacent communities which have a high degree of economic and social integration with that nucleus. The standard metropolitan statistical area (SMSA) classification is a statistical standard, developed for use by Federal agencies in the production, analysis, and publication of data on metropolitan areas. The SMSA's are designated and defined

by the Office of Management and Budget, following a set of official published standards developed by the interagency Federal Committee on Standard Metropolitan Statistical Areas.

Each SMSA has one or more central counties containing the area's main population concentration: an urbanized area with at least 50,000 inhabitants. An SMSA may also include outlying counties which have close economic and social relationships with the central counties. The outlying counties must have a specified level of commuting to the central counties and must also meet certain standards regarding metropolitan character, such as population density, urban population, and population growth. In New England, SMSA's are composed of cities and towns rather than whole counties.

The housing units in SMSA's may also be referred to as the metropolitan housing and are subdivided into "inside central city (or cities)" and "outside central city (or cities)." The housing units outside SMSA's constitute the non-metropolitan housing.

In the United States Summary report and the State reports, the data shown for "Central Cities of SMSA's" are the sum of all central cities excluding any rural area and any legal area that is outside of a standard metropolitan statistical area. In the individual SMSA reports, the data shown for central cities and places of 50,000 or more inhabitants are for the legal definition of the city without regard to urban or SMSA restrictions.

SMSA Titles

Each SMSA except one (Nassau-Suffolk, N.Y.) has at least one central city. The titles of SMSA's include up to three city names, as well as the name of each State into which the SMSA extends. For the 1980 census, central cities of SMSA's are those named in the titles of the SMSA's,

with the exception of Nassau-Suffolk, N.Y., which has no central city, and Northeast Pennsylvania, the central cities of which are Scranton, Wilkes-Barre, and Hazleton. Data on central cities of SMSA's include the entire population and housing within the legal city boundaries. In Hawaii where there are no incorporated places recognized by the Bureau of the Census, census designated places are recognized as central cities.

New SMSA Standards

New standards for designating and defining metropolitan statistical areas were published in the *Federal Register* on January 3, 1980. The SMSA's recognized for the 1980 census comprise (1) all areas as defined on January 1, 1980, except for one area which was defined provisionally during the 1970's on the

basis of population estimates but whose qualification was not confirmed by 1980 census counts; and (2) a group of 36 new areas defined on the basis of 1980 census counts and the new standards that were published on January 3, 1980.

When the data on commuting flows become available from 1980 census tabulations, the new standards will be applied to the areas existing on January 1, 1980, and the boundaries, definitions, and titles for all SMSA's will be reviewed.

To aid users who want to become familiar with the SMSA standards and how they are applied, documents are available from the Office of Management and Budget, Washington, D.C. 20503.

BOUNDARY CHANGES

The boundaries of some of the areas shown in this series of reports have

changed between an earlier census and January 1, 1980. Information on boundary changes for incorporated places is presented in table 4 of the 1980 Census of Population report, *Characteristics of the Population, Number of Inhabitants*, PC80-1-A. For information on boundary changes prior to 1970, see the *Number of Inhabitants* report for each census.

AREA MEASUREMENT

Area measurement figures for standard metropolitan statistical areas, central cities, and places of 50,000 inhabitants or more can be found in the 1980 Census of Population report, PC80-1-A1, United States Summary.

Appendix B.—Definitions and Explanations of Subject Characteristics

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		GENERAL		
		The 1980 census was conducted primarily through self-enumeration. The principal		

LIVING QUARTERS

Living quarters are classified in the census as either housing units or group quarters. Usually, living quarters are in structures intended for residential use (e.g., a one-family home, apartment house, hotel or motel, boarding house, mobile home or trailer). However, living quarters may also be in structures intended for non-residential use (e.g., the rooms in a warehouse where a night guard lives), as well as in boats, tents, vans, etc.

Housing Units—A housing unit is a house, an apartment, a group of rooms, or a single room occupied as a separate living quarters or, if vacant, intended for occupancy as a separate living quarters. Separate living quarters are those in which the occupants live and eat separately from

any other persons in the building and which have direct access from the outside of the building or through a common hall. The occupants may be a single family, one person living alone, two or more families living together, or any other group of related or unrelated persons who share living arrangements (except as described in the next section on Group Quarters). For vacant units, the criteria of separateness and direct access are applied to the intended occupants whenever possible. If that information cannot be obtained, the criteria are applied to the previous occupants. Both occupied and vacant housing units are included in the housing unit inventory except that boats, tents, vans, caves, and the like are included only if they are occupied as someone's usual place of residence. Vacant mobile homes are included, provided they are intended for occupancy on the site where they stand. Vacant mobile homes on dealers' sales lots, at the factory, or in storage are excluded from the housing inventory.

Comparability With 1970 Census Housing Unit Data—Although the 1980 census data are generally comparable with 1970 census data, certain changes were introduced for 1980. The part of the 1970 housing unit definition that required a unit to have either (1) direct access or (2) complete kitchen facilities was modified. For 1980, the complete kitchen facilities alternative was dropped, and direct access was required of all housing units. In 1970, vacant mobile homes were not counted as housing units. For 1980, they were included in the housing inventory provided they were intended for occupancy on the site where they stood.

Group Quarters—Group quarters are any living quarters which are not classified as housing units. There are two types of group quarters: (1) institutional group quarters, and (2) noninstitutional group quarters. Institutional group quarters are living quarters occupied by one or more persons under care or custody, such as children in an orphanage, persons in a nursing home, and prisoners in a penitentiary. Noninstitutional group quarters include living quarters such as college-owned and/or operated dormitories, fraternity and sorority houses, nurses' dormitories, and boarding houses. In addition, noninstitutional group quarters include any living

quarters (other than those classified as institutional group quarters) which are occupied by 9 or more persons unrelated to the householder (person listed in column 1 of the census questionnaire), or by 10 or more unrelated persons. Information on the housing characteristics of group quarters was not collected in the census.

Comparability With 1970 Census Group Quarters Data—In 1970 a unit was classified as group quarters if it was shared by the person in charge and five or more persons unrelated to him or her, or if there was no person in charge, by six or more unrelated persons. For 1980 that requirement was raised to 9 or more persons unrelated to the person listed in column 1 of the census questionnaire or 10 or more unrelated persons.

Rules for Hotels, Rooming Houses, Etc.—Occupied rooms or suites of rooms in hotels, motels, and similar places are classified as housing units only when occupied by permanent residents; i.e., persons who consider the hotel as their usual place of residence or who have no usual place of residence elsewhere. Vacant rooms or suites of rooms are classified as housing units only in those hotels in which 75 percent or more of the accommodations are occupied by permanent residents.

If any of the occupants in a rooming or boarding house live and eat separately from everyone else in the building and have direct access, their quarters are classified as separate housing units. The remaining quarters are combined. If the combined quarters contain eight or fewer roomers unrelated to the householder, they are classified as one housing unit. If the combined quarters contain nine or more roomers unrelated to the householder or person in charge, they are classified as group quarters.

Staff Living Quarters—The living quarters occupied by staff personnel within any group quarters are separate housing units if they satisfy the housing unit criteria of separateness and direct access; otherwise, they are considered as group quarters.

Year-Round Housing Units—Data on housing characteristics in the 1980 census reports are limited to year-round housing units; i.e., all occupied units plus vacant

units available or intended for year-round use. Vacant units intended for seasonal occupancy and vacant units held for migratory labor are excluded because of the difficulty of obtaining reliable data on their characteristics.

OCCUPANCY AND VACANCY CHARACTERISTICS

Occupied Housing Units—A housing unit is classified as occupied if it is the usual place of residence of the person or group of persons living in it at the time of enumeration, or if the occupants are only temporarily absent; e.g., away on vacation. If all the persons staying in the unit at the time of the census have their usual place of residence elsewhere, the unit is classified as vacant. A household includes all the persons who occupy a housing unit as their usual place of residence. By definition, therefore, the number of occupied housing units equals the number of households in the 1980 Census of Population reports.

In this report the numbers shown for occupied housing units are estimates based on a sample. In some cases there may be small differences between figures on occupied housing units shown here and comparable figures on households in the Census of Population reports. These differences may result from processing procedures used to inflate the population and housing sample data.

Householder—One person in each household is designated as the "householder." In most cases, this is the person, or one of the persons, in whose name the home is owned or rented and who is listed in column 1 of the census questionnaire. If there is no such person in the household, any adult household member could be designated as the "householder."

Child—A child is a son, daughter, stepchild, or adopted child of the householder regardless of the child's age or marital status. The category excludes sons-in-law and daughters-in-law. In this report, those classified as "own children" are sons and daughters, including stepchildren and adopted children, of the householder who are single (never married) and under 18 years of age.

Nonrelative—A nonrelative is any person in the household not related to the householder by birth, marriage, or adoption. Roomers, boarders, partners, roommates, paid employees, wards, and foster children are classified as nonrelatives. This report shows the number of households with one or more nonrelatives present in the unit.

Age of Householder—The age classification is based on the age of the person in completed years as of April 1, 1980. The data on age represent the difference, as calculated in the computer, between date of birth and April 1, 1980.

Household Type—Statistics by age of householder are presented separately for the following household types:

Married-couple families. For each household of this type, the householder and his or her spouse are enumerated as members of the same household. This category includes couples in formal marriages as well as in common-law marriages.

Male householder, no wife present. This type includes any household maintained by a male, regardless of his marital status, provided no wife is present in the household. Included are male householders who have no wife; male householders whose wives live elsewhere because of separation (marital discord) or other reason; and male householders who are widowed, divorced, or single.

Female householder, no husband present. This type includes any household maintained by a female, regardless of her marital status, provided no husband is present in the household. Included are female householders who have no husband and female householders whose husbands live elsewhere, as, for example, husbands in the Armed Forces living on a military base and female householders who are widowed, divorced, or single.

This report presents data on selected characteristics for one-person households, separately for male and female householders.

Year Householder Moved Into Unit—Data presented for this item are based on the in-

formation reported for the householder and refer to the year of the latest move. If the householder moved back into a unit the person previously occupied, the year of the latest move was reported. If the householder moved from one apartment to another in the same building, the year the householder moved into the present apartment was reported. The intent is to establish the year the present occupancy by the householder began. The year in which a householder moved is not necessarily the same year as the year other members of the household moved, although in the majority of cases the entire household moved at the same time (see question H19 in appendix E).

Vacant Housing Units—A housing unit is vacant if no one is living in it at the time of enumeration, unless its occupants are only temporarily absent. Units temporarily occupied at the time of enumeration entirely by persons who have a usual residence elsewhere are also classified as vacant.

New units not yet occupied are classified as vacant housing units if construction has reached a point where all exterior windows and doors are installed and final usable floors are in place. Vacant units are excluded if they are open to the elements; i.e., the roof, walls, windows, and/or doors no longer protect the interior from the elements, or if there is positive evidence (such as a sign on the house or in the block) that the unit is to be demolished or is condemned. Also excluded are quarters being used entirely for nonresidential purposes, such as a store or an office, or quarters used for the storage of business supplies or inventory, machinery, or agricultural products.

Vacancy Status—The data on vacancy status were tabulated from responses to questionnaire item C (see item C in appendix E). The data presented in this report are for year-round housing units "Vacant for sale only" and "Vacant for rent."

For sale only. Vacant year-round units being offered "For sale only," including individual units in cooperatives and condominium projects if the individual units are offered "For sale only."

For rent. Vacant year-round units offered "For rent," and vacant units offered either for rent or for sale.

Duration of Vacancy—The statistics on duration of vacancy refer to the length of time (in months) from the date the last occupants moved from the unit to the date of enumeration (see item D in appendix E). The data, therefore, do not provide a direct measure of the total length of time units remain vacant. For newly constructed units which have never been occupied, the duration of vacancy is counted from the date construction was completed. For recently converted or merged units, the time is reported from the date conversion or merger was completed.

Tenure—A housing unit is "Owner occupied" if the owner or co-owner lives in the unit, even if it is mortgaged or not fully paid for. All other occupied units are classified as "Renter occupied," including units rented for cash rent and those occupied without payment of cash rent (see question H8 in appendix E).

Condominium Housing Units—A condominium involves ownership that enables a person to own an apartment or house in a development of similar units and to hold a common or joint ownership in common areas, hallways, entrances, elevators, etc. The owner has a deed to the individual unit, and, very likely, a mortgage on the unit. A condominium housing unit need not be occupied by the owner to be counted as such (see question H9 in appendix E).

Comparability With 1970 Census Condominium Housing Unit Data—In 1970, owner-occupied cooperatives and condominium housing units were identified together. The 1980 census identifies only condominium housing units. The 1980 question provides data on vacant and renter-occupied condominium housing units, not just owner-occupied condominium housing units as in 1970.

Race of the Householder—The data on race of the householder were derived from the answer to question 4, for the person listed in column 1 of the census questionnaire (see appendix E). The concept of race as used by the Census Bureau reflects self-identification by respondents; it does not denote any clear-cut scientific definition of biological stock. Since the 1980 census obtained information on race through self-identification, the data represent self-classification by persons according

to the race with which they identify. In this report, data are presented for housing units classified by the race of the householder.

For persons who could not provide a single response to the race question, the race of the person's mother was used; if, however, a single response could not be provided for the person's mother, the first race reported by the person was used. This is a modification of the 1970 census procedure in which the race of the person's father was used.

The category "White" includes persons who indicated their race as White, as well as persons who did not classify themselves in one of the specific race categories listed on the questionnaire but entered a response such as Canadian, German, Italian, Lebanese, or Polish. In the 1980 census, persons who did not classify themselves in one of the specific race categories but marked "Other" and/or wrote in entries such as Cuban, Puerto Rican, Mexican, or Dominican were included in the "Other" race category. In the 1970 census, most of these persons were included in the "White" category.

The category "Black" includes persons who indicated their race as Black or Negro, as well as persons who did not classify themselves in one of the specific race categories listed in the questionnaire but reported entries such as Jamaican, Black Puerto Rican, West Indian, Haitian, or Nigerian.

The category "American Indian, Eskimo, or Aleut" includes persons who classified themselves as such in one of the specific race categories. In addition, persons who did not report themselves in one of the specific race categories but entered the name of an Indian tribe or wrote in such entries as Canadian Indian, French-American Indian, or Spanish-American Indian were classified as "American Indian."

The category "Asian or Pacific Islander" includes persons who indicated their race as Chinese, Filipino, Japanese, Asian Indian, Korean, Vietnamese, Hawaiian, Samoan, and Guamanian, as well as persons who provided write-in entries of Asian and Pacific Islander groups such as Cambodian, Laotian, Pakistani, or Fijian under the "Other" race category. Also, persons who did not classify themselves in one of the specific race categories but wrote in an entry indicating one of the nine specific categories listed above (e.g., Chinese or Filipino) were classified accordingly. For example, entries of Nipponese and

Japanese American were classified as Japanese, entries of Taiwanese and Cantonese as Chinese, etc. "Race, n.e.c." includes all other persons not in the categories "White," "Black," "American Indian, Eskimo, or Aleut," and "Asian or Pacific Islander." Persons reporting in the "Other" race category and providing write-in entries such as Eurasian, Cosmopolitan, Interracial, or a Spanish origin group (e.g., Mexican, Cuban, or Puerto Rican) were included in "Race, n.e.c."

If the race entry for the householder was missing on the questionnaire, an answer was assigned in the computer according to the reported entries of race of other household members using specific rules of precedence of household relationship. If race was not entered for anyone in the household (excluding paid employees), the race of a householder in a previously processed household was assigned. This procedure is a variation of the general allocation process described in Appendix D, "Accuracy of the Data."

Comparability Between Sample and 100-Percent Data for Race of the Householder—Estimates of the number of householders by race shown in this report may differ from complete count figures shown in other 1980 census reports. Such differences are the result of sampling variability, nonsampling error, and an additional edit and review performed on the sample questionnaires. Sampling variability and nonsampling error are explained in Appendix D, "Accuracy of the Data." The effect of the additional edit and review procedures varies substantially by racial group and geographic area but is generally negligible. A discussion of these procedures may be found in Series HC80-1-B, *Detailed Housing Characteristics*, and PC80-1-C, *Social and Economic Characteristics of the Population*.

Comparability With 1970 Census Data on Race of the Householder—Differences in census procedures and reporting by respondents in the 1980 census and 1970 census seriously affect the comparability for certain race groups. First, a large number of Spanish origin persons reported their race differently in the 1980 census than in the 1970 census. This difference in reporting has a substantial impact on the population totals and

comparability for the "White" population and the "Race, n.e.c." or "Other" race populations (shown as "All other races" in most 1970 publications). A much larger proportion of the Spanish origin population in 1980 than in 1970 reported their race in the questionnaire category "Other." Second, in 1970, most persons who marked the "Other" race category and wrote in a Spanish designation such as Mexican, Venezuelan, Latino, etc., were reclassified as "White." In 1980, such persons were not reclassified but remained in the "Other" race category. As a result of this procedural change and the differences in reporting by this population, the proportion of the Spanish origin population classified as "Other" race in the 1980 census was substantially higher than that in the 1970 census. Nationally in 1970, only 1 percent of the Spanish origin persons were classified as "Other" race and 93 percent as "White." The 1980 census sample data showed a much larger proportion—38 percent—of the Spanish origin persons reported their race as "Other" and only 58 percent reported "White." As a consequence of these differences, 1980 householder totals for "White" and "Race, n.e.c." are not comparable with corresponding 1970 figures.

The 1980 census was the first in which data were collected separately for Eskimos and Aleuts in all States. In 1970, these data were available only for Alaska. Since Eskimos and Aleuts are highly concentrated in Alaska, these changes do not seriously affect the comparability of 1980 and 1970 data for these racial groups at the national level.

The 1980 total for the Asian and Pacific Islander population reflects a high level of immigration during the 1970's as well as a number of changes in census procedures which were developed, in part, as a result of this high level of immigration. First, the number of Asian and Pacific Islander categories listed separately on the 1980 census questionnaire was expanded over that in 1970 to include four additional groups: Vietnamese, Asian Indian, Guamanian, and Samoan. Asian Indians were classified as "White" in 1970 but were included in the "Asian and Pacific Islander" category in 1980. The Vietnamese, Guamanian, and Samoan populations were included in the "Other" race

category in the 1970 census but were included in the "Asian and Pacific Islander" category in 1980. Second, "Other Asian and Pacific Islander" groups such as Cambodian, Laotian, Pakistani, and Fijian were identified and tabulated as Asian and Pacific Islander in sample tabulations in the 1980 census; in 1970, most of these groups were included in the "Other" race category.

In 1980, data were collected separately for Hawaiians and Koreans in all States, but in 1970 data for the two groups were not collected for Alaska. (On the 1970 census questionnaire used in Alaska, Eskimo and Aleut were substituted for these two categories.) Since the numbers of Hawaiians and Koreans were small in Alaska, this questionnaire change does not have a major impact on the comparability of the 1980 and 1970 data for Hawaiians and Koreans at the national level.

Spanish/Hispanic Origin of the Householder—The data on Spanish/Hispanic origin or descent of householder were derived from answers to question 7, for the person listed in column 1 of the census questionnaire (see appendix E).

Persons of Spanish/Hispanic origin or descent are those who reported either Mexican, Puerto Rican, Cuban, or other Spanish/Hispanic origin in question 7. Persons who reported "Other Spanish/Hispanic" origin are those whose origin is from Spain or the Spanish-speaking countries of Central or South America, or they are persons identifying their origin or descent as being Spanish, Spanish-American, Hispano, Latino, etc. Origin or descent can be regarded as the ancestry, nationality group, lineage, or country in which the person or person's parents or ancestors were born before their arrival in the United States. It is important to note that persons of Spanish origin may be of any race. In this report, data are presented for housing units classified by the Spanish origin of the householder.

Persons of more than one Spanish origin and persons of both a Spanish and another origin who were in doubt as to how to report a specific origin were classified according to the origin of the person's mother. If a single origin could not be provided for the person's mother, the first origin reported by the person was recorded.

If the householder failed to respond to the Spanish/Hispanic origin question, a response was assigned by computer in the

sample edit operation according to available related information such as ancestry and place of birth reported for the householder. If such information was not reported, origin was assigned from entries of other household members using specific rules of precedence of household relationship. If no origin was reported for any household member (excluding a paid employee), then an origin was assigned from another household with a householder of the same race. This procedure is a variation of the general allocation process described in Appendix D, "Accuracy of the Data."

Limitations of the Data on Householders of Spanish/Hispanic Origin—A preliminary evaluation study of the reporting in the 1980 census item on Spanish origin indicated that there was misreporting in the Mexican origin category by White and Black persons in certain areas. The study results showed evidence that the misreporting occurred mainly in the South (excluding Texas), the Northeast (excluding the New York City area), and a few States in the North Central Region. Also, results based on available data suggest that the impact of potential misreporting of Mexican origin in the 1980 census is severe in those portions of the above-mentioned regions where the Spanish origin population is generally sparse. However, 1980 census data on the Mexican origin population or total Spanish origin population, at the national level, are not seriously affected by the reporting problem. For a more detailed discussion of the evaluation of the Spanish origin item, see the 1980 Population Census Supplementary reports, Series PC80-S1-7, "Persons of Spanish Origin by State: 1980."

Comparability Between Sample and 100-Percent Data on Householders of Spanish/Hispanic Origin—The data on householders of Spanish origin shown in this report may differ from comparable figures shown in other 1980 census reports. Such differences are the result of sampling variability, nonsampling error, and more extensive edit procedures performed for the Spanish origin item on the sample questionnaires. The data in this report are based on a sample, whereas certain other reports (e.g., the HC80-1-A series) present data based on 100-percent tabulations. Sample data are subject to sampling variability, as explained in Appendix D, "Accuracy of the Data."

Information now available indicates that, since the effects of the more extensive edit were generally limited, the 100-percent tabulations are usually the preferable source for data on householders of Spanish origin. That is, in the case of figures available for Spanish origin groups, both in this report and for corresponding areas in the HC80-1-A report, the latter source is usually the preferred one. In the case of distributions for subjects covered only on a sample basis (e.g., units in structure, mortgage status and selected monthly owner costs, gross rent, etc.), the sample figures are the only data available and should be used within the context of the sampling variability associated with them.

Comparability With 1970 Census Data on Householders of Spanish Origin and Householders of Spanish Heritage—The 1980 census figures on householders of Spanish origin are not directly comparable with the 1970 census data on householders of Spanish origin because of a number of factors; namely, overall improvements in the 1980 census, better coverage of the population, improved question design, and an effective public relations campaign by the Census Bureau with the assistance of national and community ethnic groups. These efforts at census improvements explain, in part, the large increase in the number of Hispanics over 1970. Also, these efforts undoubtedly resulted in the inclusion of a sizable but unknown number of persons of Spanish/Hispanic origin who are in the country in other than legal status.

In the 1980 census Spanish origin question, specific changes in design from the 1970 question included the placement of the category "No (not Spanish/Hispanic)" as the first category in that question. (The corresponding category appeared last in the 1970 question.) Also, the 1970 category "Central or South American" was deleted from the 1980 question because in 1970 some respondents misinterpreted the category. Furthermore, the designations "Mexican-American" and "Chicano" were added to the Spanish origin question in 1980. In the 1970 census, the question on Spanish origin was asked of only a 5-percent sample of the population; in the 1980 census, the Spanish origin question was asked of everyone in the Nation.

The 1970 Census Metropolitan Housing Characteristics reports present data on housing units occupied by householders of Spanish heritage. In the 1970 census, the

category Spanish heritage was created to consolidate data for Spanish ancestry persons in various parts of the United States. The Spanish heritage population, therefore, was specifically termed when reference was made to particular areas. For example, in five southwestern States (Arizona, California, Colorado, New Mexico, and Texas) the population of Spanish heritage was specified as the population of Spanish language or surname; in three mid-Atlantic States (New York, New Jersey, and Pennsylvania), as the population of Puerto Rican birth or parentage; and in the remaining 42 States and the District of Columbia, as the population of Spanish language. The information for the population of Spanish heritage was obtained from the 15-percent sample of the census questionnaires. Data for this group of householders are not comparable to the 1980 census data on householders of Spanish origin which were based only on responses to the specific census question on Spanish/Hispanic origin for the person listed in column 1 of the census questionnaire.

UTILIZATION CHARACTERISTICS

Persons—All persons occupying the housing unit are included. These persons include not only occupants related to the householder but also any lodgers, roomers, boarders, partners, roommates, wards, foster children, and resident employees who share the living quarters of the householder. The data on "Persons in unit" show the number of housing units occupied by the specified number of persons. "Total persons" is the total number of persons living in the housing units in the particular category.

Rooms—The statistics on "Rooms" are in terms of the number of housing units with a specified number of rooms (see question H7 in appendix E). The intent of this question is to count the number of whole rooms used for living purposes. For each unit they include living rooms, dining rooms, kitchens, bedrooms, finished recreation rooms, enclosed porches suitable for year-round use, and lodger's rooms. Excluded are strip or pullman kitchens, bathrooms, open porches, balconies, halls, half-rooms, utility rooms, unfinished attics or basements, or other unfinished space used for storage. A partially divided room is a separate room only if there is a partition from floor to ceiling.

Persons Per Room—"Persons per room" is a derived measure obtained by dividing the

number of persons in each occupied housing unit by the number of rooms in the unit. The figures shown refer, therefore, to the number of occupied housing units having the specified ratio of persons per room.

Bedrooms—The number of "Bedrooms" in the unit is the count of rooms used mainly for sleeping, even if also used for other purposes. Rooms reserved for sleeping, such as guest rooms, even though used infrequently, are counted as bedrooms. On the other hand, rooms used mainly for other purposes, even though used also for sleeping, such as a living room with a sofa bed, are not considered bedrooms. A housing unit consisting of only one room, such as a one-room efficiency apartment, is classified, by definition, as having no bedroom (see question H24 in appendix E).

STRUCTURAL CHARACTERISTICS

Year Structure Built—"Year structure built" refers to when the building was first constructed, not when it was remodeled, added to, or converted. For a houseboat or mobile home or trailer, the manufacturer's model year is assumed to be the year built. The figures shown in this report relate to the number of units in structures built during the specified periods and in existence at the time of enumeration (see question H18 in appendix E).

Units in Structure—A structure is a separate building that either has open space on all sides or is separated from other structures by dividing walls that extend from ground to roof. In the determination of the number of units in a structure, all housing units, both occupied and vacant, were counted. The statistics are presented for the number of housing units in structures of specified type and size, not for the number of residential buildings. The category "Mobile home or trailer, etc." includes mobile homes, trailers, boats, tents, vans, etc. (see question H13 in appendix E).

Stories in Structure—The count of stories (floors) in structure includes basements or attics if these contain finished rooms for living purposes (see question H14a in appendix E).

Passenger Elevator—Statistics on elevator in structure are presented for housing units in structures with four or more stories or floors. If the housing units in structures with four or

more stories have an elevator used only for freight, the units are not included in the category "With elevator" (see question H14b in appendix E).

PLUMBING CHARACTERISTICS

Plumbing Facilities—The category "Complete plumbing for exclusive use" consists of units which have hot and cold piped water, a flush toilet, and a bathtub or shower inside the housing unit for the exclusive use of the occupants of the unit. "Lacking complete plumbing for exclusive use" includes those conditions when (1) all three specified plumbing facilities are present inside the unit, but are also used by another household; (2) some but not all the facilities are present; or (3) none of the three specified plumbing facilities is present (see question H6 in appendix E).

Comparability With 1970 Census Plumbing Facilities Data—In 1970, there were separate questions on the presence of hot and cold piped water, a bathtub or shower, and a flush toilet. For 1980, these three items were combined into a single question on plumbing facilities. In addition, the facilities must be inside the housing unit rather than inside the structure as in 1970.

EQUIPMENT AND FUELS

Heating Equipment—Respondents were asked to report the type of heating equipment used as the primary source of heat for their housing unit. The categories shown in the report are: (1) steam or hot water system; (2) central warm-air furnace or electric heat pump; (3) other built-in electric units; (4) floor, wall, or pipeless furnace; and (5) other means. "Other means" includes room heaters with flue or vent that burn gas, oil, or kerosene; nonportable room heaters without flue or vent that burn gas, oil, or kerosene; and fireplaces, stoves, or portable room heaters of any kind that can be picked up and moved. A central heating system includes types (1) through (4) listed above. For vacant units which have had the heating equipment removed, the kind of equipment used by the previous occupants is considered to be the heating equipment for the unit (see question H20 in appendix E).

Comparability With 1970 Census Heating Equipment Data—In 1970, central

heat pumps were included as part of the category "Warm-air furnace" and individual room heat pumps were included in the category "Built-in electric units." In 1980, heat pumps have been combined and are included in this report in the category "Central warm-air furnace or electric heat pump."

Air Conditioning—"Air conditioning" is defined as the cooling of air by a refrigeration unit. It does not include evaporative coolers, fans, or blowers which are not connected to a refrigeration unit; however, it does include heat pumps. A central system is an installation which air conditions a number of rooms. In an apartment building, such a system may cool all apartments in the building, each apartment may have its own central system, or there may be several systems, each providing central air conditioning for a group of apartments. A system with individual room controls is a central system. A room unit is an individual air conditioner which is installed in a window or an outside wall and is generally intended to cool one room, although it may sometimes be used to cool more than one room (see question H27 in appendix E).

Vehicles Available—Data for this item refer to the number of households with vehicles available at home for the use of the members of the household. Included in this item are passenger cars, pickup trucks, small panel trucks of one-ton capacity or less, as well as station wagons, company cars, and taxicabs kept at home for use of household members. Cars rented or leased for 1 month or more; police and government cars kept at home; and company vans and trucks of 1-ton capacity or less are also included if kept at home and used for nonbusiness purposes. Dismantled cars, immobile cars used as a source of power for some piece of machinery, and cars, vans, and trucks kept at home but used only for business purposes are excluded. The statistics do not reflect the number of vehicles privately owned or the number of households owning vehicles (see questions H28 and H29 in appendix E).

Comparability With 1970 Census Automobiles Available Data—In 1970, only data on the number of households with automobiles which were owned or regularly used by members of the household were obtained. Taxicabs, pickups, or large trucks were not counted. In 1980, the data on automobiles available include taxicabs if kept at home for use of household members but exclude pickups or larger trucks. Separate

data were obtained in 1980 on the number of housing units with vans or trucks of 1-ton capacity or less kept at home for use of members of the household.

Fuels Used for House Heating and Water Heating

"Utility gas" is gas piped through underground pipes from a central system that serves the neighborhood. "Bottled, tank, or LP gas" is stored in tanks which are refilled or exchanged when empty. "Fuel oil, kerosene, etc." includes fuel oil, kerosene, gasoline, alcohol, and other combustible liquids. For data on house heating fuel, the category "Other" includes any other fuel such as purchased steam, coal dust, briquettes made of pitch and sawdust, waste materials such as corn cobs, etc. For data on water heating fuel, the category "Other" also includes coal or coke, and wood (see question H21 in appendix E).

FINANCIAL CHARACTERISTICS

Value—Value is the respondent's estimate of how much the property (house and lot) would sell for, if it were for sale (see question H11 in appendix E).

Value is tabulated for certain kinds of housing units. Value statistics are presented for "Specified owner-occupied" housing units. These "specified" housing units include only one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The data exclude owner-occupied condominium housing units, mobile homes, trailers, boats, tents, or vans occupied as a usual residence, as well as owner-occupied noncondominium units in multi-family buildings. The "Specified owner-occupied" universes are the same for the value tabulation and the mortgage status and selected monthly owner costs tabulation.

Price Asked—For vacant for sale only housing units, the price asked is the amount asked for the property at the time of enumeration. The statistics on price asked are shown for "Specified vacant for sale only" housing units, which include vacant for sale only one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The data also exclude condominium units and mobile homes.

Mortgage Status and Selected Monthly Owner Costs—The data are presented for "Specified owner-occupied" housing units. These "specified" housing units include only

one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The data exclude owner-occupied condominium housing units, mobile homes, trailers, boats, tents, or vans occupied as a usual residence, as well as owner-occupied noncondominium units in multi-family buildings. Separate distributions of owner costs are shown for units "With a mortgage" and for units "Not mortgaged." Selected monthly owner costs is the sum of payments for mortgages, deeds of trust, or similar debts on the property; real estate taxes; fire and hazard insurance on the property; utilities (electricity, gas, and water); and fuels (oil, coal, kerosene, wood, etc.) (see questions H30, H31, and H32 in appendix E).

Mortgage Status and Selected Monthly Owner Costs as a Percentage of Household Income in 1979—Selected monthly housing costs is expressed as a percentage of monthly household income (total household income in 1979 divided by 12). The percentage is presented for the same owner-occupied units for which selected monthly owner costs was tabulated; thus, the statistics reflect the exclusion of certain owner-occupied units. The percentage was computed separately for each unit and was rounded to the nearest whole number. Units occupied by households that reported no income or a net loss comprise the category "Not computed."

Rent—The statistics on rent are tabulated for "Specified renter-occupied" housing units and for "Specified vacant for rent" housing units which include renter units except one-family houses on 10 or more acres. Respondents were asked to report rent only for the housing unit enumerated and to exclude any rent paid for additional units or for business premises. Renter units occupied without payment of cash rent are shown separately as "No cash rent" in the rent tabulations.

Contract Rent. "Contract rent" is the monthly rent agreed to, or contracted for, regardless of any furnishings, utilities, or services that may be included (see question H12 in appendix E).

Gross Rent. The computed rent termed "Gross rent" is the contract rent plus the estimated average monthly cost of utilities (electricity, gas, and water) and fuels (oil, coal, kerosene, wood, etc.) if these are

paid for by the renter (or paid for the renter by someone else) in addition to rent. Gross rent is intended to eliminate differentials which result from varying practices with respect to the inclusion of utilities and fuels as part of the rental payment. The estimated costs of water and fuels are reported on a yearly basis but are converted to monthly figures in the computation process (see questions H12 and H22 in appendix E).

Rent Asked. For "Specified vacant for rent" housing units, the rent asked is the amount asked for the rental of the unit at the time of enumeration.

Gross Rent as a Percentage of Household Income in 1979—Monthly gross rent is expressed as a percentage of monthly household income (total household income in 1979 divided by 12). The percentage is presented for the same renter-occupied units for which gross rent was tabulated; thus, the statistics reflect the exclusion of certain renter-occupied units. The percentage was computed separately for each unit and was rounded to the nearest whole number. Units for which no cash rent is paid and units occupied by households that reported no income or a net loss comprise the category "Not computed."

Household Income in 1979—Household income is the sum of the money income of all persons 15 years old and over occupying the housing unit, including persons not related to the householder. Data on income are based on money income received in the calendar year 1979. Income is the algebraic sum of the amounts reported separately for wage and salary income; nonfarm net self-employment income; farm net self-employment income; interest, dividend, net rental or royalty income; Social Security or Railroad Retirement income; public assistance or welfare income; and all other income. The figures represent the amount of income received before deductions for personal income taxes, Social Security, bond purchases, union dues, medicare deductions, etc.

Receipts from the following sources were not included as income: money received from the sale of property (unless the recipient was engaged in the business of selling such property); the value of income "in kind" from food stamps, public housing subsidies, medical care, employer's contributions for pensions, etc.; withdrawal of bank deposits; money borrowed; tax refunds; exchange of money between relatives living in the same household; gifts and lump-sum inheritances, insurance payments, and other types of lump-sum receipts.

Although the income statistics cover the calendar year 1979, the composition of households refers to the time of enumeration (April 1, 1980). However, the composition of most households was the same during 1979 as in April 1980. There may be differences between the data on household income in 1979 in this report and similar data shown in the reports, *Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas*, PHC80-3, and in the Supplementary Reports, *Advance Estimates of Social, Economic, and Housing Characteristics*, PHC80-S2. Any such differences are a result of errors in the income data which were corrected after the release of the PHC80-3 and the PHC80-S2 reports.

Median Income—The median income values presented in this report are computed on the basis of more detailed income intervals than shown in the tables. Median income figures of \$30,000 or less are generally calculated using linear interpolation; all other median income amounts are derived through pareto interpolation.

Comparability With 1970 Census Income Data—In 1970, the statistics on income presented in Series HC80-2, *Metropolitan Housing Characteristics* reports related to the income of the family or primary individual occupying the housing unit; that is, the sum of the income of the head of the family and all other members of the family 14 years old and over or the income of the primary individual. Income of persons living in

the unit but not related to the head of household was not included. In 1980, the statistics on income relate to the income of the household; that is, the sum of the income of all persons 15 years old and over occupying a housing unit, including persons not related to the householder.

A discussion on comparability of income data from other sources including earlier censuses may be found in the 1980 Census of Population reports, *General Social and Economic Characteristics*, PC80-1-C.

Poverty Status in 1979—Households are classified below the poverty level when the total 1979 income of the family or of the non-family householder is below the appropriate poverty threshold. The income of persons living in the household who are unrelated to the householder is not considered when determining the poverty status of a household. The poverty thresholds vary depending upon three criteria: size of family, number of children, and age of the family householder or unrelated individual. The criteria used in the 1980 census differ slightly from those used in the 1970 census, which took into account the same three factors as well as sex of the family householder or unrelated individual and farm-nonfarm residence. In addition, for the 1980 census the thresholds by size of family were extended from seven or more persons to nine or more persons. The income cutoffs are updated each year to reflect the change in the Consumer Price Index. A more detailed explanation of the poverty definition may be found in the 1980 Census of Population reports, *General Social and Economic Characteristics*, PC80-1-C.

There may be slight differences between the data on poverty status in 1979 in this report and similar data shown in the reports, *Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas*, PHC80-3, and in the Supplementary Reports, *Advance Estimates of Social, Economic, and Housing Characteristics*, PHC80-S2. Any such differences are a result of errors in the income data which were corrected after the release of the PHC80-3 and the PHC80-S2 reports.

Appendix B.—Definitions and Explanations of Subject Characteristics

Thresholds at the Poverty Level in 1979 by Size of Family and Number of Related Children Under 18 Years

(Figures in dollars. For meaning of symbols, see Introduction)

Size of Family Unit	Weighted average thresholds	Related children under 18 years							
		None	1	2	3	4	5	6	7
1 person (unrelated individual).....	3,686	3,686	...	...	...	...	...	...	...
Under 65 years.....	3,774	3,774	...	...	...	...	...	...	...
65 years and over.....	3,479	3,479	...	...	...	...	...	...	...
2 persons.....	4,723	4,723	...	...	...	...	...	...	...
Householder under 65 years.....	4,876	4,858	5,000	...	...	...	...	...	...
Householder 65 years and over.....	4,389	4,385	4,981	...	...	...	...	...	...
3 persons.....	5,787	5,674	5,839	5,844	...	...	...	...	...
4 persons.....	7,412	7,482	7,605	7,356	7,382	...	...	...	...
5 persons.....	8,776	9,023	9,154	8,874	8,657	8,525	...	...	...
6 persons.....	9,915	10,378	10,419	10,205	9,999	9,693	9,512	...	...
7 persons.....	11,237	11,941	12,016	11,759	11,580	11,246	10,857	10,429	...
8 persons.....	12,484	13,356	13,473	13,231	13,018	12,717	12,334	11,936	11,835
9 or more persons.....	14,812	16,066	16,144	15,929	15,749	15,453	15,046	14,677	14,586
									14,024

Appendix C.—General Enumeration and Processing Procedures

USUAL PLACE OF RESIDENCE . .	C-1
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Persons Away at School	C-1
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Americans Abroad	C-2
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PROCEDURES	C-2
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USUAL PLACE OF RESIDENCE

In accordance with census practice dating back to the first U.S. census in 1790, each person enumerated in the 1980 census was counted as an inhabitant of his or her "usual place of residence," which is generally construed to mean the place where the person lives and sleeps most of the time. This place is not necessarily the same as the person's legal residence or voting residence. In the vast majority of cases, however, the use of these different bases of classification would produce substantially the same statistics, although there might be appreciable differences for a few areas.

The implementation of this practice has resulted in the establishment of residence rules for certain categories of persons whose usual place of residence is not immediately apparent. Furthermore, this practice means that persons were not always counted as residents of the place where they happened to be staying on Census Day (April 1). Persons without a usual place of residence, however, were counted where they happened to be staying.

Armed Forces

Members of the Armed Forces living on a military installation were counted, as in every previous census, as residents of the area in which the installation was located; members of the Armed Forces not living on a military installation were counted as residents of the area in which

they were living. Family members of Armed Forces personnel were counted where they were living on Census Day (i.e., with the Armed Forces personnel or at another location, as the case might be).

Each Navy ship was attributed to the municipality that the Department of the Navy designated as its homeport, except for those ships which were deployed to the 6th or 7th Fleet on Census Day. As was done in the 1970 census, naval personnel aboard deployed ships were defined in the 1980 census as part of the overseas population, because deployment to the 6th or 7th Fleet implies a long-term overseas assignment.

In homeports with fewer than 1,000 naval personnel assigned to ships, the crews were counted aboard the ship. In homeports with 1,000 or more naval personnel assigned to ships, the naval personnel who indicated that they had a usual residence within 50 miles of the homeport of their ship were attributed to that residence.

When a homeport designated by the Navy was contained in more than one municipality, ships homeported and berthed there on Census Day were assigned by the Bureau of the Census to the municipality in which the land immediately adjacent to the dock or pier was actually located. Other ships attributed by the Navy to that homeport, but which were not physically present and not deployed to the 6th or 7th Fleet on Census Day, were allocated to the municipality named on the Navy's homeport list.

Crews of Merchant Vessels

Shipboard Census Reports were mailed to crews of merchant vessels through the ships' respective owner-operators based on lists of U.S. flag merchant vessels obtained from the Maritime Administration, U.S. Department of Commerce.

If the ship was berthed in a U.S. port on Census Day, the crew was enumerated as of that port. If the ship was

not berthed in a U.S. port but was inside the territorial waters of the United States, the crew was enumerated as of (a) the port of destination if that port was inside the United States or (b) the homeport of the ship if its port of destination was outside the United States. Crews of U.S. flag vessels which were outside U.S. territorial waters on Census Day and crews of vessels flying a foreign flag were not enumerated in the 1980 census.

Persons Away at School

College students were counted as residents of the area in which they were living while attending college, as they have been since 1950. However, children in boarding schools below the college level were counted at their parental home.

Persons in Institutions

Inmates of institutions, who ordinarily live there for considerable periods of time, were counted as residents of the area where the institution was located. Patients in short-term wards (general, maternity, etc.) of hospitals were counted at their usual place of residence; if they had no usual place of residence, they were counted at the hospital.

Persons Away From Their Residence on Census Day

Persons in hotels, motels, etc., on the night of March 31, 1980, were requested to fill out a census form for assignment of their census information back to their homes if they indicated that no one was at home to report them in the census. A similar approach was used for persons visiting in private residences, as well as for Americans who left the United States during March 1980 via major intercontinental air or ship carriers for temporary travel abroad. In addition, information on persons away from their usual place of residence was obtained from other members of their families, resident managers, neighbors, etc. If an entire household was expected to be

away during the whole period of the enumeration, information on that household was obtained from neighbors. A matching process was used to eliminate duplicate reports for persons who reported for themselves while away from their usual residence and who were also reported at this usual residence by someone else.

A special enumeration was conducted in such facilities as missions, flophouses, jails, detention centers, etc., on the night of April 6, 1980, and persons enumerated therein were counted as residents of the area in which the establishment was located.

Americans Abroad

Americans who were overseas for an extended period (in the Armed Forces, working at civilian jobs, studying in foreign universities, etc.) were not included in the population of any State or the District of Columbia. On the other hand, Americans who were temporarily abroad on vacations, business trips, and the like were counted at their usual residence in the United States.

Citizens of Foreign Countries

Citizens of foreign countries having their usual residence (legally or illegally) in the United States on Census Day, including those working here (but not living at an embassy, ministry, legation, chancellery, or consulate) and those attending school (but not living at an embassy, etc.), were included in the enumeration, as were members of their families living with them. However, citizens of foreign countries temporarily visiting or traveling in the United States or living on the premises of an embassy, etc., were not enumerated in the 1980 census.

DATA COLLECTION PROCEDURES

The 1980 census was conducted primarily through self-enumeration. A census questionnaire was delivered by postal carriers to every housing unit several days before Census Day, April 1, 1980. This questionnaire included explanatory information and was accompanied by an instruction guide. Spanish-language versions of the questionnaire and instruction guide were available on request. The questionnaire

was also available in narrative translation in 32 languages.

In most areas of the United States, altogether containing about 95 percent of the population, the householder was requested to fill out and mail back the questionnaire on Census Day. Approximately 83 percent of these households returned their forms by mail. Households that did not mail back a form and vacant housing units were visited by an enumerator. Households that returned a form with incomplete or inconsistent information that exceeded a specified tolerance were contacted by telephone or, if necessary, by a personal visit, to obtain the missing information.

In the remaining (mostly sparsely settled) area of the country, which contained about 5 percent of the population, the householder was requested to fill out the questionnaire and hold it until visited by an enumerator. Incomplete and unfilled forms were completed by interview during the enumerator's visit. Vacant units were enumerated by a personal visit and observation.

Each housing unit in the country received one of two versions of the census questionnaire: a short-form questionnaire containing a limited number of basic population and housing questions or a long-form questionnaire containing these basic questions as well as a number of additional questions. A sampling procedure was used to determine those units which were to receive the long-form questionnaire. Two sampling rates were employed. For most of the country, one in every six housing units (about 17 percent) received the long form or sample questionnaire; in counties, incorporated places and minor civil divisions estimated to have fewer than 2,500 inhabitants, every other housing unit (50 percent) received the sample questionnaire to enhance the reliability of sample data in small areas.

Special questionnaires were used for the enumeration of persons in group quarters such as colleges and universities, hospitals, prisons, military installations, and ships. These forms contained the population questions but did not include any housing questions. In addition to the regular census questionnaires, the Supplementary Questionnaire for American Indians was used in conjunction with the short form on Federal and State reservations and in the historic areas of

Oklahoma (excluding urbanized areas) for households that had at least one American Indian, Eskimo, or Aleut household member.

PROCESSING PROCEDURES

The 1980 census questionnaires were processed in a manner similar to that for the 1970 and 1960 censuses. They were designed to be processed electronically by the Film Optical Sensing Device for Input to Computer (FOSDIC). For most items on the questionnaire, the information supplied by the respondent or obtained by the enumerator was indicated by marking the answers in predesignated positions that would be "read" by FOSDIC from a microfilm copy of the questionnaire and transferred onto computer tape with no intervening manual processing. The computer tape did not include information on individual names and addresses.

The data processing was performed in two stages. For 100-percent data, all short forms, and pages 2 and 3 of the long forms (which have the same questions as the short form), were microfilmed, "read" by FOSDIC, and transferred onto computer tape for tabulation. For the sample data, the long form (or sample) questionnaires were processed through manual coding operations since some questions required the respondent to provide write-in entries which could not be read by FOSDIC. Census Bureau coders assigned alphabetical or numerical codes to the write-in answers in FOSDIC readable code boxes on each questionnaire. After all coding was completed, the long forms were microfilmed, and the film was "read" by FOSDIC and transferred onto computer tape.

The tape containing the information from the questionnaires was processed on the Census Bureau's computers through a number of editing and tabulation steps. Among the products of this operation were computer tapes from which the tables in this report (and most others in the 1980 census publications) were prepared on phototype-setting equipment at the Government Printing Office.

A more detailed description of the data collection and processing procedures can be obtained from the 1980 Census of Population and Housing, *Users' Guide*, PHC80-R1.

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INTRODUCTION

The data presented in this publication are based on the 1980 census sample. The data are estimates of the actual figures that would have resulted from a complete count. Estimates can be expected to vary from the complete count result because they are subject to two basic types of error—sampling and nonsampling. The sampling error in the data arises from the selection of persons and housing units to be included in the sample. The nonsampling error is the result of all other errors that may occur during the collection and processing phases of the census. A more detailed discussion of both sampling and nonsampling error and a description of the estimation procedure are given in this appendix.

SAMPLE DESIGN

While every person and housing unit in the 1980 census was enumerated on a

questionnaire that requested certain basic demographic information (e.g., age, number of rooms in living quarters, monthly rent), a sample of persons and housing units was enumerated on a questionnaire that requested additional information. The basic sampling unit for the 1980 census was the housing unit, including all occupants. For persons living in group quarters, the sampling unit was the person. Two sampling rates were employed. In counties, incorporated places and minor civil divisions estimated to have fewer than 2,500 persons (based on precensus estimates), one-half of all housing units and persons in group quarters were to be included in the sample. In all other areas, one-sixth of the housing units or persons in group quarters were sampled. The purpose of this scheme was to provide relatively more reliable estimates for small areas. When both sampling rates were taken into account across the Nation, approximately 19 percent of the Nation's housing units were included in the census sample.

The sample designation method depended on the data collection procedures. In areas containing about 95 percent of the population the census was taken by the mailout/mailback procedure. For these areas, the Bureau of the Census either purchased a commercial mailing list which was updated and corrected by Census Bureau field staff, or prepared a mailing list by canvassing and listing each address in the area prior to Census Day. These lists were computerized, and every sixth unit (for 1-in-6 areas) or every second unit (for 1-in-2 areas) was designated as a sample unit by computer. Both of these lists were also corrected by the Post Office.

In non-mailout/mailback areas, a blank listing book with designated sample lines (every sixth or every second line) was prepared for the enumerator. Beginning about Census Day, the enumerator sys-

tematically canvassed the area and listed all housing units in the listing book in the order they were encountered. Completed questionnaires, including sample information for any housing unit which was listed on a designated sample line, were collected.

In both types of data collection procedure areas, an enumerator was responsible for a small geographic area known as an enumeration district, or ED. An ED usually represented the average workload area for one enumerator.

ERRORS IN THE DATA

Since the data in this publication are based on a sample, they may differ somewhat from complete-count figures that would have been obtained if all housing units, persons within those housing units, and persons living in group quarters had been enumerated using the same questionnaires, instructions, enumerators, etc. The deviation of a sample estimate from the average of all possible samples is called the sampling error. The standard error of a survey estimate is a measure of the variation among the estimates from the possible samples and thus is a measure of the precision with which an estimate from a particular sample approximates the average result of all possible samples. The sample estimate and its estimated standard error permit the construction of interval estimates with prescribed confidence that the interval includes the average result of all possible samples. The method of calculating standard errors and confidence intervals for the data in this report is given below.

In addition to the variability which arises from the sampling procedures, both sample data and complete-count data are subject to nonsampling error. Nonsampling error may be introduced during each of the many extensive and complex

operations used to collect and process census data. For example, operations such as editing, reviewing, or handling questionnaires may introduce error into the data. A more detailed discussion of the sources of nonsampling error is given in the section on "Control of Nonsampling Error" in this appendix.

Nonsampling error may affect the data in two ways. Errors that are introduced randomly will increase the variability of the data and should therefore be reflected in the standard error. Errors that tend to be consistent in one direction will make both sample and complete-count data biased in that direction. For example, if respondents consistently tend to under-report their income, then the resulting counts of households or families by income category will be skewed toward the lower income categories. Such biases are not reflected in the standard error.

Calculation of Standard Errors

Totals and Percentages—Tables A through D in this appendix contain the information necessary to calculate the standard errors of sample estimates in this report. In order to perform this calculation, it is necessary to know the unadjusted standard error for the characteristic, given in table A or B, that would result under a simple random sample design (of persons, families, or housing units) and estimation technique; the adjustment factor for the particular characteristic estimated, given in table C; and the number of housing units in the tabulation area and the percent of these in sample, given in table D. The adjustment factors reflect the effects of the actual sample design and complex ratio estimation procedure used for the 1980 census.

To calculate the approximate standard error of an estimate for a geographic area, follow the steps given below:

- Obtain the unadjusted standard error from table A or B (or from the formula given below the table) for the estimated total or percentage, respectively.
- Find the geographic area with which you are working in table D and obtain the housing unit "percent in sample" figure for this area.
- Use table C to obtain the factor for the characteristics (e.g., air-

conditioning, year structure built) and the range that contains the percent-in-sample with which you are working. Multiply the unadjusted standard error by this factor. If the estimate is a cross-tabulation of more than one characteristic, use the largest factor.

As is evident from the formula below tables A and B, the unadjusted standard errors of zero estimates or of very small estimated totals or percentages approach zero. This is also the case for very large percentages or estimated totals that are close to the size of the tabulation areas to which they correspond. These estimated totals and percentages are, nevertheless, still subject to sampling and nonsampling variability, and an estimated standard error of zero (or a very small standard error) is not appropriate.

For estimated percentages that are less than 2 or greater than 98, use the *unadjusted* standard errors in table B that appear in the "2 or 98" row. For an estimated total that is less than 50 or within 50 of the total size of the tabulation area, use an *unadjusted* standard error of 16.

An illustration of the use of the tables is given in a later section of this appendix.

Differences—The standard errors estimated from these tables are not directly applicable to differences between two sample estimates. In order to estimate the standard error of a difference the tables are to be used somewhat differently in the following three situations:

- For the difference between a sample estimate and a complete-count value, use the standard error of the sample estimate.
- For the difference between (or sum of) two sample estimates, the appropriate standard error is approximately the square root of the sum of the two individual standard errors squared; that is, for standard errors Se_x and Se_y of estimates x and y:

$$Se_{(x+y)} = Se_{(x-y)} = \sqrt{(Se_x)^2 + (Se_y)^2}$$

This method, however, will underestimate (overestimate) the standard error if the two items in a sum are highly positively (negatively)

correlated or if the two items in a difference are highly negatively (positively) correlated. This method may also be used for the difference between (or sum of) sample estimates from two censuses or between a census sample and another survey. The standard error for estimates not based on the 1980 census sample must be obtained from an appropriate source outside of this publication.

- For the difference between two estimates, one of which is a subclass of the other, use the tables directly where the calculated difference is the estimate of interest.

Means—The standard error of a mean depends upon the variability of the distribution on which the mean is based, the size of the sample, the sample design (e.g., the use of households as a sampling unit), and the estimation procedure used.

An approximation to the standard error of the mean may be obtained as follows: compute the variance of the distribution on which the mean is based; multiply this value by five and divide the product by the total count of units in the distribution; obtain the square root of this quotient and multiply the result by the adjustment factor from table C that is appropriate for the characteristic on which the mean is based.

Medians—For the standard error of a median of a characteristic, it is necessary to examine the distribution from which the median is derived, as the size of the base and the distribution itself affect the standard error. An approximate method is given here. As the first step, compute one-half of the number on which the median is based (refer to this result as $N/2$). Treat $N/2$ as if it were an ordinary estimate and obtain its standard error as instructed above using tables A, C, and D. Compute the desired confidence interval about $N/2$. Starting with the lowest value of the characteristic, cumulate the frequencies in each category of the characteristic until the sum equals or first exceeds the lower limit of the confidence interval about $N/2$. By linear interpolation, obtain a value of the characteristic corresponding to this sum. This is the lower limit of the confidence interval of the median. In a similar manner, cumulate frequencies starting from

the highest value of the characteristic until the sum equals or exceeds the count in excess of the upper limit of the interval about $N/2$. Interpolate as before to obtain the upper limit of the confidence interval for the estimated median.

Confidence Intervals

A sample estimate and its estimated standard error may be used to construct confidence intervals about the estimate. These intervals are ranges that will contain the average value of the estimated characteristic that results over all possible samples, with a known probability. For example, if all possible samples that could result under the 1980 census sample design were independently selected and surveyed under the same conditions, and if the estimate and its estimated standard error were calculated for each of these samples, then:

- (1) Approximately 68 percent of the intervals from one estimated standard error below the estimate to one estimated standard error above the estimate would contain the average result from all possible samples; and
- (2) Approximately 95 percent of the intervals from two estimated standard errors below the estimate to two estimated standard errors above the estimate would contain the average result from all possible samples.

The intervals are referred to as 68 percent and 95 percent confidence intervals, respectively.

The average value of the estimated characteristic that could be derived from all possible samples is or is not contained in any particular computed interval. Thus we cannot make the statement that the average value has a certain probability of falling between the limits of the calculated confidence interval. Rather, one can say with a specified probability or confidence that the calculated confidence interval includes the average estimate from all possible samples (approximately the complete count value).

Confidence intervals may also be constructed for the difference between two sample figures. This is done by computing the difference between these

figures, obtaining the standard error of the difference (using the formula given earlier), and then forming a confidence interval for this estimated difference as above. One can then say with specified confidence that this interval includes the difference that would have been obtained by averaging the results from all possible samples.

The estimated standard errors given in this report do not include all portions of the variability due to nonsampling error that may be present in the data. Thus, the standard errors calculated represent a lower bound of the total error. As a result, confidence intervals formed using these estimated standard errors may not meet the stated levels of confidence (i.e., 68 or 95 percent). Thus, some care must be exercised in the interpretation of the data in this publication based on the estimated standard errors.

For more information on confidence intervals and nonsampling error see any standard sampling theory text.

Use of Tables to Compute Standard Errors

See appendix D of any 1980 Census of Housing, HC-80-1-B, *Detailed Housing Characteristics* report, for examples showing the computation of standard errors and the formation of confidence intervals.

ESTIMATION PROCEDURE

The estimates which appear in this publication were obtained from an iterative ratio estimation procedure which resulted in the assignment of a weight to each sample person or housing unit record. For any given tabulation area, a characteristic total was estimated by summing the weights assigned to the persons or housing units in the tabulation area which possessed the characteristic. Estimates of family or household characteristics were based on the weights assigned to the family members designated as householders. Each sample person or housing unit record was assigned exactly one weight to be used to produce estimates of all characteristics. For example, if the weight given to a sample person or housing unit had the value five, all characteristics of that person or housing unit would be tabulated with a weight of

five. The estimation procedure, however, did assign weights which vary from person to person or housing unit to housing unit.

The estimation procedure used to assign the weights was performed in geographically defined "weighting areas." Weighting areas were generally formed of adjoining portions of geography, which closely agreed with census tabulation areas within counties. Weighting areas were required to have a minimum sample of 400 persons. Weighting areas were never allowed to cross state or county boundaries. In small counties with a sample count of less than 400 persons, the minimum required sample condition was relaxed to permit the entire county to become a weighting area.

Within a weighting area, the ratio estimation procedure for persons was performed in three stages. For persons, the first stage employed 17 household type groups. The second stage used two groups: householders and nonhouseholders. The third stage could potentially use 160 age-sex-race-Spanish origin groups. The stages were as follows:

PERSONS

Stage I—Type of Household

Group	Persons in Housing Units With a Family With Own Children Under 18
1	2 persons in housing unit
2	3 persons in housing unit
3	4 persons in housing unit
4	5 to 7 persons in housing unit
5	8 or more persons in housing unit
6-10	Persons in Housing Units With a Family Without Own Children Under 18
6-10	2 persons in housing unit through 8 or more persons in housing unit
11	Persons in All Other Housing Units
11	1 person in housing unit
12-16	2 persons in housing unit through 8 or more persons in housing unit
17	Persons in group quarters

	Stage II—Householder/ Nonhouseholder
<i>Group</i>	
1	Householder
2	Nonhouseholder (including persons in group quarters)
Stage III—Age/Sex/Race/Spanish Origin	
<i>Group</i>	<i>White Race</i>
	<i>Persons of Spanish Origin</i>
	<i>Male</i>
1	0 to 4 years of age
2	5 to 14 years of age
3	15 to 19 years of age
4	20 to 24 years of age
5	25 to 34 years of age
6	35 to 44 years of age
7	45 to 64 years of age
8	65 years of age or older
	<i>Female</i>
9-16	Same age categories as groups 1 to 8
	<i>Persons Not of Spanish Origin</i>
17-32	Same age and sex categories as groups 1 to 16
	<i>Black Race</i>
33-64	Same age-sex-Spanish origin categories as groups 1 to 32
	<i>Asian, Pacific Islander Race</i>
65-96	Same age-sex-Spanish origin categories as groups 1 to 32
	<i>American Indian, Eskimo, or Aleut Race</i>
97-128	Same age-sex-Spanish origin categories as groups 1 to 32
	<i>Other Race (includes those races not listed above)</i>
129-160	Same age-sex-Spanish origin categories as groups 1 to 32

Within a weighting area, the first step in the estimation procedure was to assign each sample person record an initial weight. This weight was approximately equal to the inverse of the probability of selecting a person for the census sample.

The next step in the estimation procedure was to combine, if necessary, the groups in each of the three stages prior to the repeated ratio estimation in order to increase the reliability of the ratio estima-

tion procedure. For the first and second stages, any group that did not meet certain criteria concerning the unweighted sample count or the ratio of the complete count to the initially weighted sample count, was combined, or collapsed, with another group in the same stage according to a specified collapsing pattern. At the third stage, the "Other" race category was collapsed with the "White" race category before the above collapsing criteria as well as an additional criterion concerning the number of complete count persons in each category were applied.

As the final step, the initial weights underwent three stages of ratio adjustment which used the groups listed above. At the first stage, the ratio of the complete census count to the sum of the initial weights for each sample person was computed for each stage I group. The initial weight assigned to each person in a group was then multiplied by the stage I group ratio to produce an adjusted weight. In stage II, the stage I adjusted weights were again adjusted by the ratio of the complete census count to the sum of the stage I weights for sample persons in each stage II group. Finally, the stage II weights were adjusted at stage III by the ratio of the complete census count to the sum of the stage II weights for sample persons in each stage III group. The three stages of adjustment were performed twice (two iterations) in the order given above. The weights obtained from the second iteration for stage III were assigned to the sample person records. However, to avoid complications in rounding for tabulated data, only whole number weights were assigned. For example, if the final weight for the persons in a particular group was 7.2, then one-fifth of the sample persons in this group were randomly assigned a weight of 8 and the remaining four-fifths received a weight of 7.

Separate weights were derived for tabulating the place of work and migration data items. The weights were obtained by adjusting the weight derived above for persons on questionnaires selected for coding by the reciprocal of the ED coding rate and a ratio adjustment to ensure that the sum of the weights and the complete count total population figure would agree.

The ratio estimation procedure for

housing units was essentially the same as that for persons. The major difference was that the occupied housing unit ratio estimation procedure was done in two stages and the vacant housing unit ratio estimation procedure was done in one stage. The first stage for occupied housing units employed 16 household-type categories and the second stage could potentially use 190 tenure-race-Spanish origin-value/rent groups. For vacant housing units, three groups were utilized. The stages for the ratio estimation for housing units were as follows:

OCCUPIED HOUSING UNITS

Stage I—Type of Household

<i>Group</i>	<i>Housing Units With a Family With Own Children Under 18</i>
1	2 persons in housing unit
2	3 persons in housing unit
3	4 persons in housing unit
4	5 to 7 persons in housing unit
5	8 or more persons in housing unit

	<i>Housing Units With a Family Without Own Children Under 18</i>
6-10	2 persons in housing unit through 8 or more persons in housing unit

	<i>All Other Housing Units</i>
11	1 person in housing unit
12-16	2 persons in housing unit through 8 or more persons in housing unit

Stage II—Tenure/Race and Origin of Householder/Value or Rent

<i>Group</i>	<i>Owner</i>
	<i>White Race (householder)</i>
	<i>Persons of Spanish Origin (householder)</i>
	<i>Value of House</i>
1	\$0 to \$9,999
2	\$10,000 to \$19,999
3	\$20,000 to \$24,999
4	\$25,000 to \$49,999
5	\$50,000 to \$99,999
6	\$100,000 to \$149,999
7	\$150,000+
8	Other Owners

Persons Not of Spanish Origin

9-16	Same value categories as groups 1 to 8	169-190	<i>Other Race (includes those races not listed above)</i> Same rent—Spanish origin categories as groups 81 to 102
17-32	<i>Black Race</i> Same value—Spanish origin categories as groups 1 to 16		
33-48	<i>Asian, Pacific Islander Race</i> Same value—Spanish origin categories as groups 1 to 16		
49-64	<i>American Indian, Eskimo, or Aleut Race</i> Same value—Spanish origin categories as groups 1 to 16		
65-80	<i>Other Race (includes those races not listed above)</i> Same value—Spanish origin categories as groups 1 to 16		
	<i>Renter</i>		
	<i>White Race</i>		
	<i>Persons of Spanish Origin</i>		
	<i>Rent Categories</i>		
81	\$1 to \$59		
82	\$60 to \$99		
83	\$100 to \$149		
84	\$150 to \$199		
85	\$200 to \$249		
86	\$250 to \$299		
87	\$300 to \$399		
88	\$400 to \$499		
89	\$500+		
90	Other Renter		
91	No Cash Rent		
	<i>Persons not of Spanish origin</i>		
92-102	Same rent categories as groups 81 to 91		
103-124	<i>Black Race</i> Same rent—Spanish origin categories as groups 81 to 102		
125-146	<i>Asian, Pacific Islander Race</i> Same rent—Spanish origin categories as groups 81 to 102		
	<i>American Indian, Eskimo, or Aleut Race</i> Same rent—Spanish origin categories as groups 81 to 102		
147-168			

VACANT HOUSING UNITS

	<i>Group</i>
1	<i>Vacant for Rent</i>
2	<i>Vacant for Sale</i>
3	<i>Other Vacant</i>

The estimates produced by this procedure realize some of the gains in sampling efficiency that would have resulted if the population had been stratified into the ratio estimation groups before sampling, and the sampling rate had been applied independently to each group. The net effect is a reduction in both the standard error and the possible bias of most estimated characteristics to levels below what would have resulted from simply using the initial (unadjusted) weight. A by-product of this estimation procedure is that the estimates from the sample will, for the most part, be consistent with the complete-count figures for the population and housing unit groups used in the estimation procedure.

CONTROL OF NONSAMPLING ERROR

As mentioned above, nonsampling error is present in both sample and complete count data. If left unchecked, this error could introduce serious bias into the data, the variability of which could increase dramatically over that which would result purely from sampling. While it is impossible to completely eliminate nonsampling error from an operation as large and complex as the 1980 census, the Bureau of the Census attempted to control the sources of such error during the collection and processing operations. The primary sources of nonsampling error and the programs instituted for control of this error are described below. The success of these programs, however, was contingent upon how well the instructions were actually carried out during the census. To the extent possible, both the effects of these programs and the amount of error remaining after their application will be evaluated.

Undercoverage—It is possible for some persons or housing units to be entirely missed by the census. This undercoverage of persons and housing units can introduce biases into the data. Several extensive programs were developed to focus on this important problem.

- The Postal Service reviewed mailing lists and reported housing unit addresses which were missing, undeliverable, or duplicated in the listings.
- The purchased commercial mailing list was updated and corrected by a complete field review of the list of housing units during a precanvass operation.
- A record check was performed to reduce the undercoverage of individual persons in selected areas. Independent lists of persons, such as driver's license holders, were matched with the household rosters in the census listings. Persons not matched to the census rosters were followed up and added to the census counts if they were found to have been missed.
- A recheck of units initially classified as vacant or nonexistent was utilized to further reduce the undercoverage of persons.

More extensive discussions of programs developed to reduce undercoverage will be published as the analyses of those programs are completed.

Respondent and Enumerator Error—The person answering the questionnaire or responding to the questions posed by an enumerator could serve as a source of error by offering incorrect or incomplete information. To reduce this source of error, questions were phrased as clearly as possible based on precensus tests and detailed instructions for completing the questionnaire were provided to each household. In addition, respondents' answers were edited for completeness and consistency and followed up as necessary. For example, if the source of water item was incomplete for a housing unit, long-form field edit procedures would recognize the situation, and a followup attempt to obtain the information would be made.

The enumerator may misinterpret or otherwise incorrectly record information given by a respondent; may fail to collect some of the information for a person or household; or may collect sample data for

households that were not designated as part of the sample. To control these problems, the work of enumerators was carefully monitored. Field staff were prepared for their tasks by using standardized training packages which included experience in using census materials. A sample of the households interviewed by enumerators for nonresponse was reinterviewed to control for the possibility of data for fabricated persons being submitted by enumerators. Also, the estimation procedure was designed to control for biases that would result from the collection of data from households not designated for the sample.

Processing Error—The many phases of processing the census represent potential sources for the introduction of nonsampling error. The processing of the census questionnaires includes the field editing, followup, and transmittal of completed questionnaires; the manual coding of write-in responses; and the electronic data processing. The various field, coding and computer operations undergo a number of quality control checks to insure their accurate application.

Nonresponse—Nonresponse to particular questions on the census questionnaire allows for the introduction of bias into the data, since the characteristics of the nonrespondents have not been observed and may differ from those reported by respondents. As a result, any allocation procedure using respondent data may not completely reflect this difference either at the element level (individual person or housing unit) or on the average. Some protection against the introduction of large biases is afforded by minimizing

nonresponse. In the census, nonresponse was substantially reduced during the field operations by the various edit and follow-up operations aimed at obtaining a response for every question. Characteristics for the nonresponses remaining after this operation were allocated by the computer using reported data for a person or housing unit with similar characteristics. The allocation procedure is described below.

EDITING OF UNACCEPTABLE DATA

The objective of the processing operation is to produce a set of statistics that describes the nation's housing as accurately and clearly as possible. To meet this objective, certain unacceptable entries were edited.

In the field, questionnaires were reviewed for omissions and certain inconsistencies by a census clerk or an enumerator and, if necessary, a followup was made to obtain missing information. In addition, a similar review of questionnaires was done in the central processing offices. As a rule, however, editing was performed by hand only when it could not be done effectively by machine.

As one of the first steps in computerized editing, the configuration of marks on the questionnaire was scanned electronically to determine whether it contained information for a person or housing unit or merely spurious marks. If any characteristic for a housing unit was still missing when the questionnaires reached the central processing offices, it was supplied by allocation. Allocation, or assignments of acceptable codes in place of unacceptable entries, were

needed most often when an entry for a given item was lacking or when the information reported for a particular item was inconsistent with another item for the same housing unit. As in previous censuses, allocations or the assignment of acceptable entries were used to replace blanks or unacceptable entries. The allocation procedure was based on using information reported for another housing unit with characteristics similar to those of the housing unit for which allocation was necessary. For example, if the unit was reported as rented but the amount of rent was missing, the computer automatically assigned the rent that was reported for the preceding renter-occupied unit. The assignment of acceptable codes in place of blanks or unacceptable entries is designed to enhance the usefulness of the data.

Specific tolerances were established for the number of computer allocations that would be permitted. If the number of corrections was beyond tolerance, the questionnaires in which the errors occurred were clerically reviewed. If it was found that the errors resulted from damaged questionnaires, from improper microfilming, from faulty reading by FOSDIC of undamaged questionnaires, or from other types of machine failure, the questionnaires were reprocessed.

ALLOCATION TABLES

The extent of allocations for nonresponses and inconsistencies for individual subject items is given for SMSA's and places in the 1980 Census of Population PC80-1-B and PC80-1-C reports and in the 1980 Census of Housing HC80-1-A and HC80-1-B reports.

Appendix D.—Accuracy of the Data

Table A. Unadjusted Standard Errors for Estimated Totals

[Based on a 1-in-6 simple random sample]

Estimated Total <u>1/</u>	2/														
	Size of publication area														
500	1 000	2 500	5 000	10 000	25 000	50 000	100 000	250 000	500 000	1 000 000	5 000 000	10 000 000	25 000 000		
50.....	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
100.....	20	21	22	22	22	22	22	22	22	22	22	22	22	22	22
250.....	25	30	35	35	35	35	35	35	35	35	35	35	35	35	35
500.....	-	35	45	45	50	50	50	50	50	50	50	50	50	50	50
1 000.....	-	-	55	65	65	70	70	70	70	70	70	70	70	70	70
2 500.....	-	-	-	80	95	110	110	110	110	110	110	110	110	110	110
5 000.....	-	-	-	-	110	140	150	150	160	160	160	160	160	160	160
10 000.....	-	-	-	-	-	170	200	210	220	220	220	220	220	220	220
15 000.....	-	-	-	-	-	170	230	250	270	270	270	270	270	270	270
25 000.....	-	-	-	-	-	-	250	310	340	350	350	350	350	350	350
75 000.....	-	-	-	-	-	-	-	310	510	570	590	610	610	610	610
100 000.....	-	-	-	-	-	-	-	-	550	630	670	700	700	700	710
250 000.....	-	-	-	-	-	-	-	-	-	790	970	1 090	1 100	1 100	1 100
500 000.....	-	-	-	-	-	-	-	-	-	-	1 120	1 500	1 540	1 570	1 570
1 000 000.....	-	-	-	-	-	-	-	-	-	-	-	2 000	2 120	2 190	2 190
5 000 000....	-	-	-	-	-	-	-	-	-	-	-	-	3 540	4 470	4 470
10 000 000....	-	-	-	-	-	-	-	-	-	-	-	-	-	5 480	5 480

1/ For estimated totals larger than 10 000 000, the standard error is somewhat larger than the table values. The formula given below should be used to calculate the standard error.

$$Se(\hat{Y}) = \sqrt{5\hat{Y}(1-\frac{\hat{Y}}{N})}$$

N = Size of area

\hat{Y} = Estimate of characteristic total

2/ The total count of housing units in the area.

Table B. Unadjusted Standard Error in Percentage Points for Estimated Percentages

[Based on a 1-in-6 simple random sample]

Estimated Percentage	1/													
	Base of percentage													
500	750	1 000	1 500	2 500	5 000	7 500	10 000	25 000	50 000	100 000	250 000	500 000		
2 or 98.....	1.4	1.1	1.0	0.8	0.6	0.4	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.1
5 or 95.....	2.2	1.8	1.5	1.3	1.0	0.7	0.6	0.5	0.3	0.2	0.2	0.1	0.1	0.1
10 or 90.....	3.0	2.4	2.1	1.7	1.3	0.9	0.8	0.7	0.4	0.3	0.2	0.1	0.1	0.1
15 or 85.....	3.6	2.9	2.5	2.1	1.6	1.1	0.9	0.8	0.5	0.4	0.3	0.2	0.1	0.1
20 or 80.....	4.0	3.3	2.8	2.3	1.8	1.3	1.0	0.9	0.6	0.4	0.3	0.2	0.1	0.1
25 or 75.....	4.3	3.5	3.1	2.5	1.9	1.4	1.1	1.0	0.6	0.4	0.3	0.2	0.1	0.1
30 or 70.....	4.6	3.7	3.2	2.6	2.0	1.4	1.2	1.0	0.6	0.5	0.3	0.2	0.1	0.1
35 or 65.....	4.8	3.9	3.4	2.8	2.1	1.5	1.2	1.1	0.7	0.5	0.3	0.2	0.1	0.1
50.....	5.0	4.1	3.5	2.9	2.2	1.6	1.3	1.1	0.7	0.5	0.4	0.2	0.1	0.1

1/ For a percentage and/or base of percentage not shown in the table, the formula given below may be used to calculate the standard error.

$$Se(\hat{p}) = \sqrt{\frac{5}{B} \hat{p}(100-\hat{p})}$$

B = Base of estimated percentage

\hat{p} = Estimated percentage

Table C. Standard Error Adjustment Factors

(Percent of persons or housing units in sample)

Characteristic	Less than 19 Percent	19 to 33 Percent	More than 33 Percent
Household type.....	1.1	0.9	0.5
Age and sex of householder.....	1.0	1.0	0.5
Occupancy status.....	1.1	0.9	0.5
Vacant price asked and vacant rent asked.....	1.1	0.8	0.5
Tenure.....	1.0	0.9	0.5
Units in structure.....	1.1	1.0	0.6
Stories in structure.....	1.0	0.9	0.5
Passenger elevator.....	1.0	0.9	0.5
Persons in unit.....	1.1	0.9	0.5
Year structure built.....	1.0	0.9	0.5
Year householder moved into housing unit.....	1.1	0.9	0.5
Heating equipment and fuel.....	1.1	0.9	0.5
Number of bedrooms.....	1.1	0.9	0.5
Rooms.....	1.1	0.9	0.5
Telephone in housing unit.....	1.1	0.9	0.5
Air conditioning.....	1.1	0.9	0.5
Vehicles available.....	1.1	0.9	0.5
Gross rent and contract rent.....	1.1	1.0	0.5
Gross rent as a percentage of household income in 1979.....	1.1	0.8	0.5
Mortgage status and selected monthly owner costs.....	1.1	1.1	0.5
Household income.....	1.0	0.9	0.5
Poverty status: Housing.....	1.0	0.8	0.5
Existence of complete plumbing for exclusive use with 1.01 persons per room or more.....	1.0	0.9	0.5
Value.....	1.0	1.0	0.5

Table D. Percent of Housing Units in Sample: 1980

[For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B]

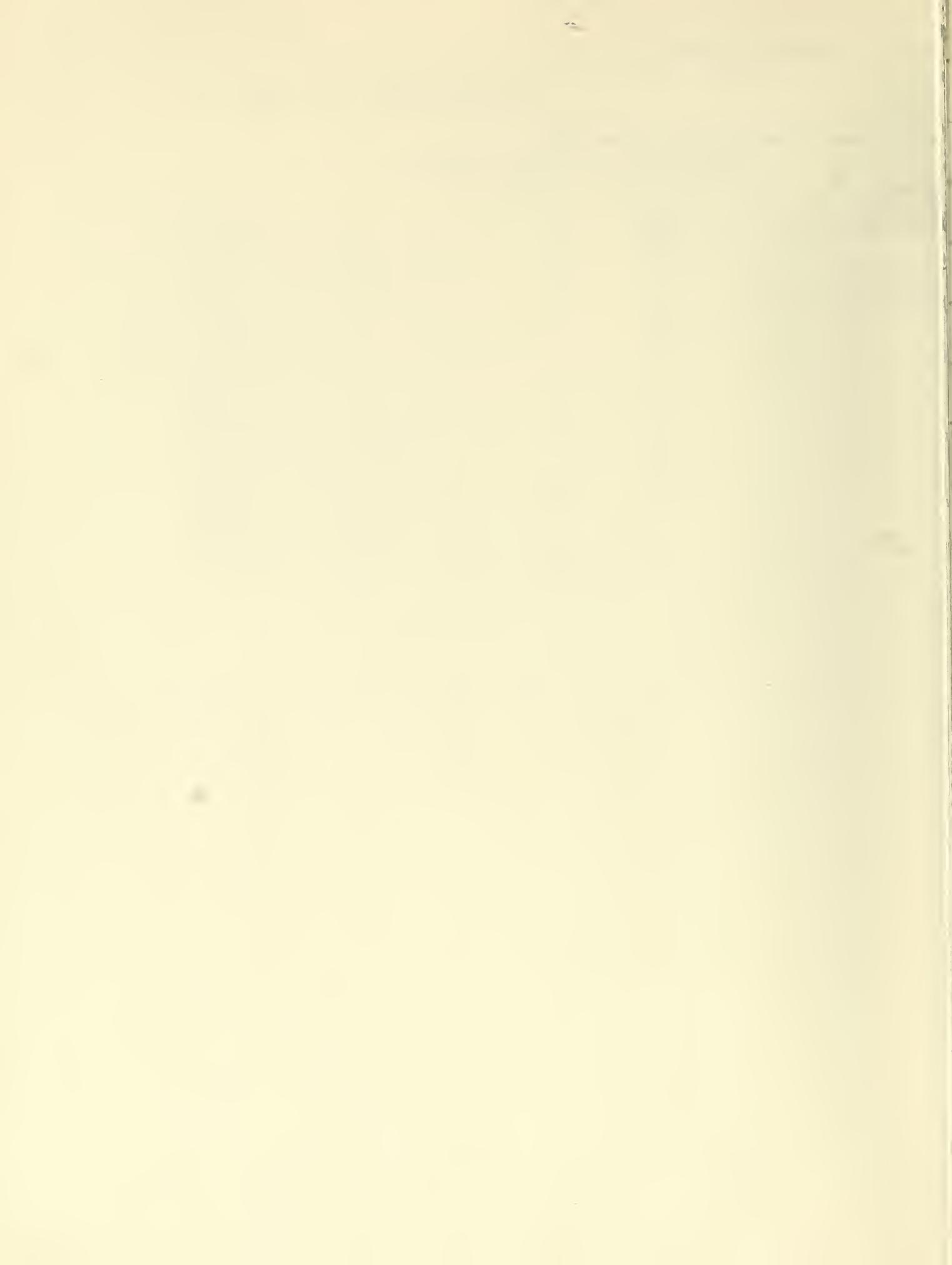
**The SMSA
Places of 50,000 or More and
Central Cities of SMSA's**

The SMSA -----

***PLACES OF 50,000 OR MORE AND CENTRAL
CITIES OF SMSA's**

Muncie city -----

Housing units		
	100-percent count	Percent in sample
The SMSA -----	47 583	19.0
*PLACES OF 50,000 OR MORE AND CENTRAL CITIES OF SMSA's	29 455	15.6



Appendix E.—Facsimiles of Respondent Instructions and Questionnaire Pages

INSTRUCTIONS FOR QUESTIONS 1 THROUGH 10

1. List in question 1 (on page 1), the names of all the people who usually live here. Then turn to pages 2 and 3 where there are columns to list up to seven persons. In the first column print the name of one of the household members in whose name this home is owned or rented. If no household member owns or rents the living quarters, list in the first column any adult household member who is not a roomer, boarder, or paid employee. Print the names of the other household members, if any, in the columns which follow, using question 1 as a checklist.
2. Fill a circle to show how each person is related to the person in column 1.

A stepchild or legally adopted child of the person in column 1 should be marked Son/daughter. Foster children or wards living in the household should be marked Roomer, boarder.

3. Be sure to fill a circle for the sex of each person.
4. Fill the circle for the category with which the person most closely identifies. If you fill the Indian (American) or Other circle, be sure to print the name of the specific Indian tribe or specific group.
5. Enter age at last birthday in the space provided (enter "0" for babies less than one year old). Also enter month and year of birth, and fill the appropriate circles. For an illustration of how to complete question 5, see the example on pages 4 and 5. If age or month or year of birth is not known, give your best estimate.
6. If the person's only marriage was annulled, mark Never married.
7. A person is of Spanish/Hispanic origin or descent if the person identifies his or her ancestry with one of the listed groups, that is, Mexican, Puerto Rican, etc. Origin or descent (ancestry) may be viewed as the nationality group, the lineage, or country in which the person or the person's parents or ancestors were born.
8. Do not count enrollment in a trade or business school, company training, or tutoring unless the course would be accepted for credit at a regular elementary school, high school, or college. A public school is any school or college which is controlled and supported primarily by a local, county, State, or Federal Government.
9. Fill only one circle. Mark the highest grade ever attended even if the person did not finish it. If the person is still in school, mark the grade in which now enrolled. Schooling received in foreign or ungraded schools should be reported as the equivalent grade or year in the regular American school system. If uncertain whether a Head Start program is for nursery school or kindergarten, mark the circle for Nursery school.

If the person skipped or repeated grades, mark the highest grade ever attended regardless of how long it took to get there. Persons who did not attend any college but who completed high school by finishing the 12th grade or by passing an equivalency test, such as the

General Educational Development (GED) examination, should fill the circle for the 12th grade.

10. Mark Finished this grade (or year) only if the person finished the entire grade or year marked in question 9 or if the highest grade was completed by passing a high school equivalency test.

INSTRUCTIONS FOR QUESTIONS H4 THROUGH H12

- H4. Mark only one circle. *This address* means the house or building number where your living quarters are located.
- H5. Mark the second circle only if you *must* go through someone else's living quarters to get to your own.
- H6. Consider that you have hot water even if you have it only part of the time.

Mark Yes, but also used by another household if someone else who lives in the same building, but is not a member of your household, also uses the facilities. Mark this circle also if the occupants of living quarters now vacant would also use the facilities in your living quarters.

- H7. Count only whole rooms used for living purposes, such as living rooms, dining rooms, kitchens, bedrooms, finished recreation rooms, family rooms, etc. Do not count bathrooms, kitchenettes, strip or pullman kitchens, utility rooms, or unfinished attics, unfinished basements, or other space used for storage.

- H8. Mark Owned or being bought if the living quarters are owned outright or are mortgaged. Also mark Owned or being bought if the living quarters are owned but the land is rented.

Mark Rented for cash rent if any money rent is paid. Rent may be paid by persons who are not members of your household.

Occupied without payment of cash rent includes, for example, a parsonage, military housing, a house or apartment provided free of rent by the owner, or a house or apartment occupied by a janitor or caretaker in exchange for services.

- H9. A condominium is housing in which the apartments or houses in a development are individually owned, but the common areas, such as lobbies, halls, etc., are jointly owned. The person owning a condominium very likely has a mortgage on the particular unit.

- H10b. A commercial establishment is easily recognized from the outside, for example, a grocery store or barber shop. A medical office is a doctor's or dentist's office regularly visited by patients.

- H11. Include the value of the house, the land it is on, and any other structures on the same property. If the house is owned but the land is rented, estimate the combined value of the house and the

land. If this is a condominium unit, enter the estimated value for your living quarters and your share of the common elements.

H12. Report the rent agreed to or contracted for, even if the rent is unpaid or paid by someone else.

If rent is not paid by the month, change the rent to a monthly amount; and then fill the appropriate circle in question H12.

If rent is paid:	Multiply rent by:
By the day	30
By the week	4
Every other week	2

If rent is paid:	Divide rent by:
4 times a year	3
2 times a year	6
Once a year	12

INSTRUCTIONS FOR QUESTIONS H13 THROUGH H20

H13. Mark only one circle.

Detached means there is open space on all sides, or the house is joined only to a shed or garage. *Attached* means that the house is joined to another house or building by at least one well which goes from ground to roof.

Mark **A one-family house detached from any other house** when a mobile home or trailer has had one or more rooms added or built onto it; a porch or shed is not considered a room.

Count all occupied and vacant living quarters in the house or building, but not stores or office space.

H14a. Do not count unfinished basements or unfinished attics. However, a basement or attic with finished room(s) for living purposes should be counted as a story.

H15a. A *city or suburban* lot is usually located in a city, a community, or any built-up area outside a city or community, and is not larger than the house and yard. All living quarters in apartment buildings, including garden-type apartments in the city or suburbs, are considered on a city or suburban lot.

A *place* is a farm, ranch, or any other property, other than a city or suburban lot, on which this *residence* is located.

H16. If a well provides water for six or more houses or apartments, mark **A public system**. If a well provides water for five or fewer houses or apartments, mark one of the categories for *individual well*.

Drilled wells, or small diameter wells, are usually less than 1½ feet in diameter. *Dug wells* are generally hand dug and are wider.

H17. A *public sewer* is operated by a government body or a private organization. A *septic tank or cesspool* is an underground tank or pit used for disposal of sewage.

H19. The term *person in column 1* refers to the person listed in the first column on page 2. This person should be the household member (or one of the members) in whose name the house is owned or rented. If there is no such person, any adult household member can be the person in column 1. Mark when this person last moved into this house or apartment.

H20. This question refers to the type of *heating equipment* and not to the fuel used.

An *electric heat pump* is sometimes known as a reverse cycle

system. It may be centrally installed with ducts to the rooms or individual heat pumps in the rooms.

A *floor, wall, or pipeless furnace* delivers warm air to the room right above the furnace or to the room(s) on one or both sides of the wall in which the furnace is installed and does not have ducts leading to other rooms.

Any heater that you plug into an electric outlet should be counted as a *portable room heater*.

INSTRUCTIONS FOR QUESTIONS H21 THROUGH H32

H21. *Gas from underground pipes* is piped in from a central system such as one operated by a public utility company or a municipal government. *Bottled, tank, or LP gas* is stored in tanks which are refilled or exchanged when empty. *Other fuel* includes any fuel not separately listed, for example, purchased steam, fuel briquettes, waste material, etc.

H22. If your living quarters are rented, enter the costs for utilities and fuels only if you pay for them in addition to the rent entered in H12. If already included in rent, fill the appropriate circle.

The amounts to be reported should be for the past 12 months, that is, for electricity and gas, the monthly *average* for the past 12 months; for water and other fuels, the *total* amount for the past 12 months.

Estimate as closely as possible when exact costs are not known.

Report amounts even if your bills are unpaid or paid by someone else. If the bills include utilities or fuel used also by another apartment or a business establishment, estimate the amounts for your own living quarters. If gas and electricity are billed together, enter the combined amount on the electricity line and bracket () the two utilities.

H23. The kitchen sink, stove, and refrigerator must be located in the building but do not have to be in the same room. Portable cooking equipment is not considered as a range or cook stove.

H26. Answer *Yes only* if the telephone is located in your living quarters.

H27. Count only equipment used to cool the air by means of a refrigeration unit.

H28—H29. Count company cars (including police cars and taxicabs) and company trucks that are regularly kept at home and used by household members. Do not count cars or trucks permanently out of working order.

H30—H32. Do not answer these questions if you live in a cooperative, regardless of the number of units in the structure.

H30. Report taxes for all taxing jurisdictions even if they are included in mortgage payment, not paid yet, paid by someone else, or are delinquent.

H31. When premiums are paid on other than a yearly basis, convert to a yearly basis and enter the yearly amount, even if no payment was made during the past 12 months.

H32a. The word "mortgage" is used as a general term to indicate all types of loans which are secured by real estate.

- b. A second or junior mortgage is also secured by real estate but has been made by the homeowner in addition to the first mortgage.
- c. Enter a monthly amount even if it is unpaid or paid by someone else. If the amount is paid on some other periodic basis, see instructions for H12 to change it to a monthly amount.

INSTRUCTIONS FOR QUESTIONS 11 THROUGH 14

11. For persons born in the United States:

Print the name of the State in which this person's mother was living when this person was born. For persons born in a hospital, do not give the State in which the hospital was located unless the hospital and the mother's home were in the same State or the location of the mother's home is not known. For example, if a person was born in a hospital in Washington, D.C., but the mother's home was in Virginia at the time of the person's birth, enter "Virginia."

For persons born outside the United States:

Print the full name of the foreign country or Puerto Rico, Guam, etc., where the person was born. Use international boundaries as now recognized by the United States. Specify whether Northern Ireland or Ireland (Eire); East or West Germany; England, Scotland or Wales (*not* Great Britain or United Kingdom). Specify the particular island in the Caribbean, *not*, for example, West Indies.

12. This question is only for persons born in a foreign country. Fill the Yes, a naturalized citizen circle only if the person has completed the naturalization process and is now a citizen.

If the person has entered the U.S. more than once, fill the circle for the year he or she came to stay permanently.

13a. Mark No, only speaks English if the person always speaks English at home; then skip to question 14.

Mark Yes if the person speaks a language other than English at home. Do not mark Yes for a language spoken only at school or if speaking ability is limited to a few expressions or slang.

b. Print the non-English language spoken at home. If this person speaks two or more non-English languages at home and cannot determine which is spoken most often, report the first language the person learned to speak.

c. Fill the circle that best describes the person's ability to speak English.

(1) The circle Very well should be filled for persons who have no difficulty speaking English.

(2) The circle Well should be filled for persons who have only minor problems which do not seriously limit their ability to speak English.

(3) The circle Not well should be filled for persons who are seriously limited in their ability to speak English.

(4) The circle Not at all should be filled for persons who do not speak English at all.

14. Print the ancestry group with which the person identifies. Ancestry (or origin or descent) may be viewed as the nationality group, the lineage, or the country in which the person or the person's parents or ancestors were born before their arrival in the United States. Persons who are of more than one origin and who cannot identify with a single group should print their multiple ancestry (for example, German-Irish).

Be specific; for example, if ancestry is "Indian," specify whether American Indian, Asian Indian, or West Indian. Distinguish Cape Verdean from Portuguese, and French Canadian from Canadian.

A religious group should not be reported as a person's ancestry.

INSTRUCTIONS FOR QUESTIONS 15 THROUGH 20

15a. Mark Yes, this house if this person lived in this same house or apartment on April 1, 1975, but moved away and came back between then and now. Mark No, different house if this person lived in the same building but in a different apartment (or in the same mobile home or trailer but on a different trailer site).

b. If this person lived in a different house or apartment on April 1, 1975, give the location of this person's usual home at that time.

Part (1) If the person was living in the United States on April 1, 1975, print the name of the State. If the person did *not* live in the United States on April 1, 1975, print the full name of the foreign country or Puerto Rico, Guam, etc.

Part (2) If in Louisiana, print the parish name. If in Alaska, print the borough name. If in New York City — print the borough name if the county name is not known. If an independent city, leave blank.

Part (3) If in Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island or Vermont, print the name of the town rather than the name of the village or city, unless the name of the town is unknown.

Part (4) Mark Yes if you know that the location is *now* inside the limits of a city, town, village or other incorporated place, even if it was not inside the limits on April 1, 1975.

17a. Mark Yes only if this person was on active duty in the U.S. Army, Navy, Air Force, Marine Corps, or Coast Guard. Mark No if the person was in the National Guard or the reserves.

b. Mark Yes if the person was attending a college or university either full or part time and was enrolled for credit toward a degree. Mark No if the person was taking only non-credit courses or was attending a vocational or trade school, such as secretarial school.

c. Mark Yes, full time if the person worked full time (35 hours or more per week). Mark Yes, part time if the person worked part time (less than 35 hours per week). Mark No if the person only did unpaid volunteer work, housework or yard work at own home, or if the only work done was as a resident of an institution.

18a. Mark Yes if this person was ever on active duty in the U.S. Army, Navy, Air Force, Marine Corps, or Coast Guard, even if the time served was short. For persons in the National Guard or military reserve units, mark Yes *only* if the person was ever called to active duty; mark No if the only service was active duty for training.

b. If this person served during more than one period, fill all circles which apply, even if service was for a short time.

19. The term "health condition" refers to any physical or mental problem which has lasted for 6 or more months. A serious problem with seeing, hearing, or speech should be considered a health condition. Pregnancy or a temporary health problem such as a broken bone that is expected to heal normally should *not* be considered a health condition.

20. Count all children born alive, including any who have died (even shortly after birth) or who no longer live with her.

INSTRUCTIONS FOR QUESTIONS 21 THROUGH 26

21. If the exact date of marriage is not known, give your best estimate.

22a. Mark Yes if the person worked, either full or part time, on any day of last week (Sunday through Saturday).

Count as work:

Work for someone else for wages, salary, piece rate, commission, tips, or payments "in kind" (for example, food, lodging received as payment for work performed).

Work in own business, professional practice, or farm.

Any work in a family business or farm, paid or not.

Any part-time work including babysitting, paper routes, etc.

Active duty in Armed Forces.

Do not count as work:

Housework or yard work at home.

Unpaid volunteer work.

Work done as a resident of an institution.

b. Give the *actual* number of hours worked at *all jobs last week*, even if that was more or fewer hours than usually worked.

23. If the person worked at several locations, but reported to the same location each day to begin work, print where he or she reported. If the person did not report to the same location each day to begin work, print the words "various locations" for 23a, and give as much information as possible in the remainder of 23 to identify the area in which he or she worked *most* last week.

If the person's employer operates in more than one location (such as a grocery store chain or public school system), give the exact address of the location or branch where the person worked.

If the person worked in a foreign country or Puerto Rico, Guam, etc., print the name of the country in 23e and leave the other parts of 23 blank.

24a. Travel time is from door to door. Include time taken waiting for public transportation, picking up passengers in car pools, etc.

b. Mark Worked at home for a person who works on a farm where he or she lives, or in an office or shop in the person's home.

c. If the person was driven to work by someone who then drove back home or to a non-work destination, mark Drive alone.

d. Do not include riders who rode to school or some other non-work destination.

25. If the person works only during certain seasons or on a day-to-day basis when work is available, mark No.

26a. Mark Yes if the person tried to get a job or to start a business or professional practice at any time in the last *four* weeks; for example, registered at an employment office, went to a job interview, placed or answered ads, or did anything toward starting a business or professional practice.

b. Mark No, already has a job if the person was on layoff or was expecting to report to a job within 30 days.

Mark No, temporarily ill if the person expects to be able to work within 30 days.

Mark No, other reasons if the person could not have taken a job because he or she was going to school, taking care of children, etc.

INSTRUCTIONS FOR QUESTIONS 27 THROUGH 29

27. Look at the instructions for 22a to see what to count as work. Mark Never worked if the person: (1) never worked at any kind of job or business, either full or part time, (2) never did any work, with or without pay, in a family business or farm and (3) never served in the Armed Forces.

28a. If the person worked for a company, business, or government agency, print the name of the company, not the name of the person's supervisor. If the person worked for an individual or a business that has no company name, print the name of the individual worked for. If the person worked in his or her own business, print "self-employed."

b. Print two or more words to tell what the business, industry, or individual employer named in 28a does. If there is more than one activity, describe only the major activity *at the place where the person works*. Enter what is made, what is sold, or what service is given.

Some examples of what is needed to make an answer acceptable are shown on the census form and here.

Unacceptable

Furniture company

Grocery store

Oil company

Ranch

Acceptable

Metal furniture manufacturing

Wholesale grocery store

Retail gas station

Cattle ranch

c. Mark Manufacturing if the factory, plant, mill, etc., mostly makes things, even if it also sells them.

Mark Wholesale trade if the business mostly sells things to stores or other companies.

Mark Retail trade if the business mostly sells things (not services) to individuals.

Mark Other if the main activity of the employer is not making or selling things. Some examples of Other are farming, construction, and services such as those provided by hotels, dry cleaners, repair shops, schools, and banks.

29a. Print two or more words to describe the kind of work the person does. If the person is a trainee, apprentice, or helper, include that in the description.

Some examples of what is needed to make an answer acceptable are shown on the census form and here.

Unacceptable

Clerk

Helper

Mechanic

Nurse

Acceptable

Production clerk

Carpenter's helper

Auto engine mechanic

Registered nurse

b. Print the most important things that the person does on the job. Some examples are shown on the census form.

INSTRUCTIONS FOR QUESTIONS 30 THROUGH 33

30. If the person was an employee of a *private* nonprofit organization, such as a church, fill the first circle.

Mark Local government employee for a teacher working in an elementary or secondary public school.

31a. Look at the instructions for question 22a to see what to count as work.

b. Count every week in which the person did any work at all, even for an hour.

c. If the hours worked each week varied considerably, give the best estimate of the hours usually worked most weeks.

d. Count every week in which the person did not work at all, but spent any time looking for work or on layoff from a job. *Looking for work* means trying to get a job or start a business or professional practice; *layoff* includes either temporary or indefinite layoff.

32. Fill the Yes or No circle for each part and enter the appropriate amount. If income from any source was received jointly by household members, report if possible, the appropriate share for each person; otherwise, report the whole amount for only one person and mark No for the other person, unless the other person has additional income of the same type.

a. Include sick leave pay. Do not include reimbursement for business

expenses and pay "in kind," (for example, food, lodging received as payment for work performed).

b. Include net earnings (gross earnings minus business expenses) from a nonfarm business. If business lost money, write "Loss" above the amount.

c. Include net earnings (gross receipts minus operating expenses) from a farm. If farm lost money, write "Loss" above the amount.

d. Include interest and dividends credited to the person's account (for example, from savings accounts and stock shares), net royalties, and net income from rental property.

e. Include Social Security or Railroad Retirement payments to retired persons, to dependents of deceased insured workers and to disabled workers.

f. Include public assistance or welfare payments received from Federal, State, or local agencies. Do not include private welfare payments.

g. Include all other regular payments, such as government employee retirement, union or private pensions and annuities; unemployment benefits; worker's compensation; Armed Forces allotments; private welfare payments; regular contributions from persons not living in the household; etc.

Do not include lump-sum payments received from the sale of property (capital gains), insurance policies, inheritances, etc.

33. If no income was received in 1979, fill the None circle. If total income was a loss, write "Loss" above the amount.

Please fill out this
official Census Form
and mail it back on
Census Day,
Tuesday, April 1, 1980

1980 Census of the United States

If the address shown below has the wrong apartment identification,
please write the correct apartment number or location here:

•

•

•

DO A1 A2 A4 A5 A6 L

Your answers are confidential

By law (title 13, U.S. Code), census employees are subject to fine and/or imprisonment for any disclosure of your answers. Only after 72 years does your information become available to other government agencies or the public. The same law requires that you answer the questions to the best of your knowledge.

Para personas de habla hispana

(For Spanish-speaking persons):

SI USTED DESEA UN CUESTIONARIO DEL CENSO EN ESPAÑOL
llame a la oficina del censo. El número de teléfono se encuentra en
el encasillado de la dirección.

O, si prefiere, marque esta casilla y devuelva el cuestionario
por correo en el sobre que se le incluye.

A message from the Director,
Bureau of the Census . . .

We must, from time to time, take stock of ourselves as a people if our Nation is to meet successfully the many national and local challenges we face. This is the purpose of the 1980 census.

The essential need for a population census was recognized almost 200 years ago when our Constitution was written. As provided by article I, the first census was conducted in 1790 and one has been taken every 10 years since then.

The law under which the census is taken protects the confidentiality of your answers. For the next 72 years — or until April 1, 2052 — only sworn census workers have access to the individual records, and no one else may see them.

Your answers, when combined with the answers from other people, will provide the statistical figures needed by public and private groups, schools, business and industry, and Federal, State, and local governments across the country. These figures will help all sectors of American society understand how our population and housing are changing. In this way, we can deal more effectively with today's problems and work toward a better future for all of us.

The census is a vitally important national activity. Please do your part by filling out this census form accurately and completely. If you mail it back promptly in the enclosed postage-paid envelope, it will save the expense and inconvenience of a census taker having to visit you.

Thank you for your cooperation.

How to fill out your Census Form

See the filled-out example in the yellow instruction guide. This guide will help with any problems you may have.

If you need more help, call the Census Office. The telephone number of the local office is shown at the bottom of the address box on the front cover.

Use a black pencil to answer the questions. Black pencil is better to use than ballpoint or other pens.

Fill circles "O" completely, like this ●

When you write in an answer, print or write clearly.

Make sure that answers are provided for everyone here.

See page 4 of the guide if a roomer or someone else in the household does not want to give you all the information for the form.

Answer the questions on pages 1 through 5, and then starting with pages 6 and 7, fill a pair of pages for each person in the household.

Check your answers. Then write your name, the date, and telephone number on page 20.

Mail back this form on Tuesday, April 1, or as soon afterward as you can. Use the enclosed envelope; no stamp is needed.

Please start by answering Question 1 below.

Question 1

List in Question 1

- Family members living here, including babies still in the hospital
- Relatives living here
- Lodgers or boarders living here
- Other persons living here
- College students who stay here while attending college, even if their parents live elsewhere
- Persons who usually live here but are temporarily away (including children in boarding school below the college level)
- Persons with a home elsewhere but who stay here most of the week while working

1. What is the name of each person who was living here on Tuesday, April 1, 1980, or who was staying or visiting here and had no other home?

Do Not List in Question 1

- Any person away from here in the Armed Forces.
- Any college student who stays somewhere else while attending college.
- Any person who usually stays somewhere else most of the week while working there.
- Any person away from here in an institution such as a home for the aged or mental hospital.
- Any person staying or visiting here who has a usual home elsewhere.

Note

If everyone here is staying only temporarily and has a usual home elsewhere, please mark this box .

Then please:

- answer the questions on pages 2 through 5 only, and
- enter the address of your usual home on page 20.

Please continue →

Page 2

ALSO ANSWER THE HOUSING QUESTIONS ON PAGE 3

PERSON in column 7		
Last name		
First name	Middle initial	
If relative of person in column 1:		
<input type="radio"/> Husband/wife	<input type="radio"/> Father/mother	
<input type="radio"/> Son/daughter	<input type="radio"/> Other relative	
<input type="radio"/> Brother/sister		
If not related to person in column 1:		
<input type="radio"/> Roomer, boarder	<input type="radio"/> Other nonrelative	
<input type="radio"/> Partner, roommate		
<input type="radio"/> Paid employee		
<input type="radio"/> Male	<input checked="" type="checkbox"/>	<input type="radio"/> Female
<input type="radio"/> White <input type="radio"/> Asian Indian <input type="radio"/> Black or Negro <input type="radio"/> Hawaiian <input type="radio"/> Japanese <input type="radio"/> Guamanian <input type="radio"/> Chinese <input type="radio"/> Samoan <input type="radio"/> Filipino <input type="radio"/> Eskimo <input type="radio"/> Korean <input type="radio"/> Aleut <input type="radio"/> Vietnamese <input type="radio"/> Other — <i>Specify</i> <i>Print tribe</i> →		
a. Age at last birthday	c. Year of birth	
1		
1 <input checked="" type="radio"/> 8 <input type="radio"/> 0 <input type="radio"/> 0 <input type="radio"/> 0	1 <input type="radio"/> 9 <input type="radio"/> 1 <input type="radio"/> 0 <input type="radio"/> 0	
b. Month of birth		
1 <input type="checkbox"/>	2 <input type="radio"/> 0 <input type="radio"/> 2	
3 <input type="radio"/> 3 <input type="radio"/> 0	4 <input type="radio"/> 4 <input type="radio"/> 0	
5 <input type="radio"/> 5 <input type="radio"/> 0	6 <input type="radio"/> 6 <input type="radio"/> 0	
7 <input type="radio"/> 7 <input type="radio"/> 0	8 <input type="radio"/> 8 <input type="radio"/> 0	
9 <input type="radio"/> 9 <input type="radio"/> 0	10 or more <input type="radio"/> 10 <input type="radio"/> 11 <input type="radio"/> 12	
<input type="radio"/> Now married	<input type="radio"/> Separated	
<input type="radio"/> Widowed	<input type="radio"/> Never married	
<input type="radio"/> Divorced		
<input type="radio"/> No (not Spanish/Hispanic)		
<input type="radio"/> Yes, Mexican, Mexican-Amer., Chicano		
<input type="radio"/> Yes, Puerto Rican <input checked="" type="checkbox"/>		
<input type="radio"/> Yes, Cuban		
<input type="radio"/> Yes, other Spanish/Hispanic		
<input type="radio"/> No, has not attended since February 1		
<input type="radio"/> Yes, public school, public college		
<input type="radio"/> Yes, private, church-related		
<input type="radio"/> Yes, private, not church-related		
Highest grade attended:		
<input type="radio"/> Nursery school <input type="radio"/> Kindergarten		
Elementary through high school (grade or year)		
1 2 3 4 5 6 7 8 9 10 11 12		
<input type="radio"/>	<input type="radio"/>	
College (academic year) <input checked="" type="checkbox"/>		
1 2 3 4 5 6 7 8 or more		
<input type="radio"/>		
<input type="radio"/> Never attended school— <i>Skip question 10</i>		
<input type="radio"/> Now attending this grade (or year)		
<input type="radio"/> Finished this grade (or year)		
<input type="radio"/> Did not finish this grade (or year)		
CENSUS USE ONLY	A. <input type="radio"/> I <input type="radio"/> O N <input type="radio"/> O O	

If you listed more than 7 persons in Question 1, please see note on page 20.

NOW PLEASE ANSWER QUESTIONS H1—H12

FOR YOUR HOUSEHOLD

H1. Did you leave anyone out of Question 1 because you were not sure if the person should be listed — for example, a new baby still in the hospital, a lodger who also has another home, or a person who stays here once in a while and has no other home?					
<input type="radio"/> Yes — On page 20 give name(s) and reason left out. <input type="radio"/> No					
H2. Did you list anyone in Question 1 who is away from home now — for example, on a vacation or in a hospital?					
<input type="radio"/> Yes — On page 20 give name(s) and reason person is away. <input type="radio"/> No					
H3. Is anyone visiting here who is not already listed?					
<input type="radio"/> Yes — On page 20 give name of each visitor for whom there is no one at the home address to report the person to a census taker. <input type="radio"/> No					
H4. How many living quarters, occupied and vacant, are at this address?					
<input type="radio"/> One <input checked="" type="checkbox"/> <input type="radio"/> 2 apartments or living quarters <input type="radio"/> 3 apartments or living quarters <input type="radio"/> 4 apartments or living quarters <input type="radio"/> 5 apartments or living quarters <input type="radio"/> 6 apartments or living quarters <input type="radio"/> 7 apartments or living quarters <input type="radio"/> 8 apartments or living quarters <input type="radio"/> 9 apartments or living quarters <input type="radio"/> 10 or more apartments or living quarters <input type="radio"/> This is a mobile home or trailer					
H5. Do you enter your living quarters —					
<input type="radio"/> Directly from the outside or through a common or public hall? <input type="radio"/> Through someone else's living quarters?					
H6. Do you have complete plumbing facilities in your living quarters, that is, hot and cold piped water, a flush toilet, and a bathtub or shower?					
<input type="radio"/> Yes, for this household only <input type="radio"/> Yes, but also used by another household <input type="radio"/> No, have some but not all plumbing facilities <input type="radio"/> No plumbing facilities in living quarters					
H7. How many rooms do you have in your living quarters?					
<i>Do not count bathrooms, porches, balconies, foyers, halls, or half-rooms.</i> <input type="radio"/> 1 room <input checked="" type="checkbox"/> <input type="radio"/> 2 rooms <input type="radio"/> 3 rooms <input type="radio"/> 4 rooms <input type="radio"/> 5 rooms <input type="radio"/> 6 rooms <input type="radio"/> 7 rooms <input type="radio"/> 8 rooms <input type="radio"/> 9 or more rooms					
H8. Are your living quarters —					
<input type="radio"/> Owned or being bought by you or by someone else in this household? <input type="radio"/> Rented for cash rent? <input type="radio"/> Occupied without payment of cash rent?					
FOR CENSUS USE ONLY					
A4. Block number	A6. Serial number	B. Type of unit or quarters	For vacant units	D. Months vacant	E. Total persons
0 0 0	0 0 0 0	<u>Occupied</u>	C1. Is this unit for —		
1 1 1	1 1 1	<input type="radio"/> First form <input type="radio"/> Continuation	<input type="radio"/> Year round use <input type="radio"/> Seasonal/Mig. — <i>Skip C2, C3, and D.</i>		
2 2 2	2 2 2	<u>Vacant</u>	<input type="radio"/> For rent <input type="radio"/> For sale only <input type="radio"/> Rented or sold, not occupied <input type="radio"/> Held for occasional use <input type="radio"/> Other vacant		
3 3 3	3 3 3	<input type="radio"/> Regular <input type="radio"/> Usual home elsewhere			
4 4 4	4 4 4	<u>Group quarters</u>	C2. Vacancy status		
5 5 5	5 5 5	<input type="radio"/> First form <input type="radio"/> Continuation	C3. Is this unit boarded up?		
6 6 6	6 6 6		<input type="radio"/> Yes <input type="radio"/> No		
7 7 7	7 7 7				
8 8 8	8 8 8				
9 9 9	9 9 9				

○ 9
○ 8
○ 7
○ 6
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○ 9
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○ 5
○ 4
○ 3
○ 2
○ 1

Appendix E.—Facsimiles of Respondent Instructions and Questionnaire Pages

Page 4

ALSO ANSWER THESE QUESTIONS

H13. Which best describes this building? Include all apartments, flats, etc., even if vacant.		H21a. Which fuel is used most for house heating?					
<input type="radio"/> A mobile home or trailer <input type="radio"/> A one-family house detached from any other house <input type="radio"/> A one-family house attached to one or more houses <input type="radio"/> A building for 2 families <input type="radio"/> A building for 3 or 4 families <input type="radio"/> A building for 5 to 9 families <input type="radio"/> A building for 10 to 19 families <input type="radio"/> A building for 20 to 49 families <input type="radio"/> A building for 50 or more families <input type="radio"/> A boat, tent, van, etc.		<input type="radio"/> Gas: from underground pipes serving the neighborhood <input type="radio"/> Gas: bottled, tank, or LP <input type="radio"/> Electricity <input type="radio"/> Fuel oil, kerosene, etc.		<input type="radio"/> Coal or coke <input type="radio"/> Wood <input type="radio"/> Other fuel <input type="radio"/> No fuel used			
H14a. How many stories (floors) are in this building? Count an attic or basement as a story if it has any finished rooms for living purposes.		b. Which fuel is used most for water heating?					
<input type="radio"/> 1 to 3 — Skip to H15 <input type="radio"/> 4 to 6		<input type="radio"/> 7 to 12 <input type="radio"/> 13 or more stories		<input type="radio"/> Gas: from underground pipes serving the neighborhood <input type="radio"/> Gas: bottled, tank, or LP <input type="radio"/> Electricity <input type="radio"/> Fuel oil, kerosene, etc.		<input type="radio"/> Coal or coke <input type="radio"/> Wood <input type="radio"/> Other fuel <input type="radio"/> No fuel used	
b. Is there a passenger elevator in this building?		c. Which fuel is used most for cooking?					
<input type="radio"/> Yes <input type="radio"/> No		<input type="radio"/> Gas: from underground pipes serving the neighborhood <input type="radio"/> Gas: bottled, tank, or LP <input type="radio"/> Electricity <input type="radio"/> Fuel oil, kerosene, etc.		<input type="radio"/> Coal or coke <input type="radio"/> Wood <input type="radio"/> Other fuel <input type="radio"/> No fuel used			
H15a. Is this building —		H22. What are the costs of utilities and fuels for your living quarters?					
<input type="radio"/> On a city or suburban lot, or on a place of less than 1 acre? — Skip to H16 <input type="radio"/> On a place of 1 to 9 acres? <input type="radio"/> On a place of 10 or more acres?		a. Electricity \$ <input type="text"/> .00 OR <input type="radio"/> Included in rent or no charge <i>Average monthly cost</i>		<input type="radio"/> Electricity not used			
b. Last year, 1979, did sales of crops, livestock, and other farm products from this place amount to —		b. Gas \$ <input type="text"/> .00 OR <input type="radio"/> Included in rent or no charge <i>Average monthly cost</i>		<input type="radio"/> Gas not used			
<input type="radio"/> Less than \$50 (or None) <input type="radio"/> \$50 to \$249		<input type="radio"/> \$250 to \$599 <input type="radio"/> \$600 to \$999 <input type="radio"/> \$2,500 or more		c. Water \$ <input type="text"/> .00 OR <input type="radio"/> Included in rent or no charge <i>Yearly cost</i>			
H16. Do you get water from —		d. Oil, coal, kerosene, wood, etc. \$ <input type="text"/> .00 OR <input type="radio"/> Included in rent or no charge <i>Yearly cost</i>		<input type="radio"/> These fuels not used			
<input type="radio"/> A public system (city water department, etc.) or private company? <input type="radio"/> An individual drilled well? <input type="radio"/> An individual dug well? <input type="radio"/> Some other source (a spring, creek, river, cistern, etc.)?		H23. Do you have complete kitchen facilities? Complete kitchen facilities are a sink with piped water, a range or cookstove, and a refrigerator.		<input type="radio"/> Yes <input type="radio"/> No			
H17. Is this building connected to a public sewer?		H24. How many bedrooms do you have?					
<input type="radio"/> Yes, connected to public sewer <input type="radio"/> No, connected to septic tank or cesspool <input type="radio"/> No, use other means		<i>Count rooms used mainly for sleeping even if used also for other purposes.</i> <input type="radio"/> No bedroom <input type="radio"/> 1 bedroom <input type="radio"/> 2 bedrooms <input type="radio"/> 3 bedrooms <input type="radio"/> 4 bedrooms <input type="radio"/> 5 or more bedrooms					
H18. About when was this building originally built? Mark when the building was first constructed, not when it was remodeled, added to, or converted.		H25. How many bathrooms do you have?					
<input type="radio"/> 1979 or 1980 <input type="radio"/> 1975 to 1978 <input type="radio"/> 1970 to 1974 <input type="radio"/> 1960 to 1969 <input type="radio"/> 1950 to 1959 <input type="radio"/> 1939 or earlier		<i>A complete bathroom is a room with flush toilet, bathtub or shower, and wash basin with piped water.</i> <i>A half bathroom has at least a flush toilet or bathtub or shower, but does not have all the facilities for a complete bathroom.</i>		<input type="radio"/> No bathroom, or only a half bathroom <input type="radio"/> 1 complete bathroom <input type="radio"/> 1 complete bathroom, plus half bath(s) <input type="radio"/> 2 or more complete bathrooms			
H19. When did the person listed in column 1 move into this house (or apartment)?		H26. Do you have a telephone in your living quarters?					
<input type="radio"/> 1979 or 1980 <input type="radio"/> 1975 to 1978 <input type="radio"/> 1970 to 1974 <input type="radio"/> 1960 to 1969		<input type="radio"/> Yes <input type="radio"/> No					
H20. How are your living quarters heated? Fill one circle for the kind of heat used most.		H27. Do you have air conditioning?					
<input type="radio"/> Steam or hot water system <input type="radio"/> Central warm-air furnace with ducts to the individual rooms <i>(Do not count electric heat pumps here)</i> <input type="radio"/> Electric heat pump <input type="radio"/> Other built-in electric units (permanently installed in wall, ceiling, or baseboard)		<input type="radio"/> Yes, a central air-conditioning system <input type="radio"/> Yes, 1 individual room unit <input type="radio"/> Yes, 2 or more individual room units <input type="radio"/> No					
<input type="radio"/> Floor, wall, or pipeless furnace <input type="radio"/> Room heaters with flue or vent, burning gas, oil, or kerosene <input type="radio"/> Room heaters without flue or vent, burning gas, oil, or kerosene (not portable) <input type="radio"/> Fireplaces, stoves, or portable room heaters of any kind <input type="radio"/> No heating equipment		H28. How many automobiles are kept at home for use by members of your household?					
<input type="radio"/> None <input type="radio"/> 1 automobile		<input type="radio"/> 2 automobiles <input type="radio"/> 3 or more automobiles					
H29. How many vans or trucks of one-ton capacity or less are kept at home for use by members of your household?							
<input type="radio"/> None <input type="radio"/> 1 van or truck		<input type="radio"/> 2 vans or trucks <input type="radio"/> 3 or more vans or trucks					

Appendix E.—Facsimiles of Respondent Instructions and Questionnaire Pages

FOR YOUR HOUSEHOLD

Please answer H30–H32 if you live in a one-family house which you own or are buying, unless this is —

- A mobile home or trailer
- A house on 10 or more acres
- A condominium unit
- A house with a commercial establishment or medical office on the property

If any of these, or if you rent your unit or this is a multi-family structure, skip H30 to H32 and turn to page 6.

H30. What were the real estate taxes on this property last year?

\$.00 OR None

H31. What is the annual premium for fire and hazard insurance on this property?

\$.00 OR None

H32a. Do you have a mortgage, deed of trust, contract to purchase, or similar debt on this property?

- Yes, mortgage, deed of trust, or similar debt
- Yes, contract to purchase
- No — *Skip to page 6*

b. Do you have a second or junior mortgage on this property?

- Yes
- No

c. How much is your total regular monthly payment to the lender?

Also include payments on a contract to purchase and to lenders holding second or junior mortgages on this property.

\$.00 OR No regular payment required — *Skip to page 6*

d. Does your regular monthly payment (amount entered in H32c) include payments for real estate taxes on this property?

- Yes, taxes included in payment
- No, taxes paid separately or taxes not required

e. Does your regular monthly payment (amount entered in H32c) include payments for fire and hazard insurance on this property?

- Yes, insurance included in payment
- No, insurance paid separately or no insurance

Please turn to page 6 

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(1)	2.	4.	(2)	2.	4.	(3)	2.	4.
S.S.	○ ○ ○ ○ ○	I I I I I	S.S.	○ ○ ○ ○ ○	I I I I I	S.S.	○ ○ ○ ○ ○	I I I I I
Yes	3 3 3 3 3	2 2 2 2 2	Yes	3 3 3 3 3	2 2 2 2 2	Yes	3 3 3 3 3	2 2 2 2 2
○	4 4 4 4 4	4 4 4 4 4	○	4 4 4 4 4	4 4 4 4 4	○	4 4 4 4 4	4 4 4 4 4
No	5 5 5 5 5	6 6 6 6 6	No	5 5 5 5 5	6 6 6 6 6	No	5 5 5 5 5	6 6 6 6 6
○	8 8 8 8 8	8 8 8 8 8	○	8 8 8 8 8	8 8 8 8 8	○	8 8 8 8 8	8 8 8 8 8
9	9 9 9 9 9	9 9 9 9 9	9	9 9 9 9 9	9 9 9 9 9	9	9 9 9 9 9	9 9 9 9 9
(4)	2. <input checked="" type="checkbox"/>	4.	(5)	2. <input checked="" type="checkbox"/>	4.	(6)	2. <input checked="" type="checkbox"/>	4.
S.S.	○ ○ ○ ○ ○	I I I I I	S.S.	○ ○ ○ ○ ○	I I I I I	S.S.	○ ○ ○ ○ ○	I I I I I
Yes	3 3 3 3 3	2 2 2 2 2	Yes	3 3 3 3 3	2 2 2 2 2	Yes	3 3 3 3 3	2 2 2 2 2
○	4 4 4 4 4	4 4 4 4 4	○	4 4 4 4 4	4 4 4 4 4	○	4 4 4 4 4	4 4 4 4 4
No	5 5 5 5 5	6 6 6 6 6	No	5 5 5 5 5	6 6 6 6 6	No	5 5 5 5 5	6 6 6 6 6
○	8 8 8 8 8	8 8 8 8 8	○	8 8 8 8 8	8 8 8 8 8	○	8 8 8 8 8	8 8 8 8 8
9	9 9 9 9 9	9 9 9 9 9	9	9 9 9 9 9	9 9 9 9 9	9	9 9 9 9 9	9 9 9 9 9
(7)	2. <input checked="" type="checkbox"/>	4.	GQ. <input checked="" type="checkbox"/>	H30.	H31. <input checked="" type="checkbox"/>	H32c.		
S.S.	○ ○ ○ ○ ○	I I I I I	○ ○ ○ ○ ○	I I I I I	○ ○ ○ ○ ○	I I I I I		
Yes	3 3 3 3 3	2 2 2 2 2	2 2 2 2 2	2 2 2 2 2	2 2 2 2 2	2 2 2 2 2		
○	4 4 4 4 4	4 4 4 4 4	4 4 4 4 4	4 4 4 4 4	4 4 4 4 4	4 4 4 4 4		
No	5 5 5 5 5	6 6 6 6 6	5 5 5 5 5	6 6 6 6 6	5 5 5 5 5	6 6 6 6 6		
○	8 8 8 8 8	8 8 8 8 8	8 8 8 8 8	8 8 8 8 8	8 8 8 8 8	8 8 8 8 8		
9	9 9 9 9 9	9 9 9 9 9	9 9 9 9 9	9 9 9 9 9	9 9 9 9 9	9 9 9 9 9		

Appendix E.—Facsimiles of Respondent Instructions and Questionnaire Pages

Page 6

ANSWER THESE QUESTIONS FOR											
Name of Person 1 on page 2: Last name First name Middle initial			16. When was this person born? <input type="radio"/> Born before April 1965 — <i>Please go on with questions 17-33</i> <input type="radio"/> Born April 1965 or later — <i>Turn to next page for next person</i>			22a. Did this person work at any time last week? <input type="radio"/> Yes — <i>Fill this circle if this person worked full time or part time. (Count part-time work such as delivering papers, or helping without pay in a family business or farm. Also count active duty in the Armed Forces.)</i> <input type="radio"/> No — <i>Fill this circle if this person did not work, or did only own housework, school work, or volunteer work.</i>			<i>Skip to 25</i> b. How many hours did this person work last week (at all jobs)? <i>Subtract any time off; add overtime or extra hours worked.</i> Hours _____		
11. In what State or foreign country was this person born? <i>Print the State where this person's mother was living when this person was born. Do not give the location of the hospital unless the mother's home and the hospital were in the same State.</i>			17. In April 1975 (five years ago) was this person — a. On active duty in the Armed Forces? <input type="radio"/> Yes <input type="radio"/> No			18a. Is this person a veteran of active-duty military service in the Armed Forces of the United States? <i>If service was in National Guard or Reserves only, see instruction guide.</i> <input type="radio"/> Yes <input type="radio"/> No — <i>Skip to 19</i>					
12. If this person was born in a foreign country — a. Is this person a naturalized citizen of the United States? <input type="radio"/> Yes, a naturalized citizen <input type="radio"/> No, not a citizen <input type="radio"/> Born abroad of American parents			b. When did this person come to the United States to stay? <input type="radio"/> 1975 to 1980 <input type="radio"/> 1965 to 1969 <input type="radio"/> 1950 to 1959 <input type="radio"/> 1970 to 1974 <input type="radio"/> 1960 to 1964 <input type="radio"/> Before 1950			b. Was active-duty military service during — <i>Fill a circle for each period in which this person served.</i> <input type="radio"/> May 1975 or later <input type="radio"/> Vietnam era (August 1964—April 1975) <input type="radio"/> February 1955—July 1964 <input type="radio"/> Korean conflict (June 1950—January 1955) <input type="radio"/> World War II (September 1940—July 1947) <input type="radio"/> World War I (April 1917—November 1918) <input type="radio"/> Any other time					
13a. Does this person speak a language other than English at home? <input type="radio"/> Yes <input type="radio"/> No, only speaks English — <i>Skip to 14</i>			19. Does this person have a physical, mental, or other health condition which has lasted for 6 or more months and which ...			c. Is the place of work inside the incorporated (legal) limits of that city, town, village, borough, etc.? <input type="radio"/> Yes <input type="radio"/> No, in unincorporated area					
13b. What is this language? <i>(For example — Chinese, Italian, Spanish, etc.)</i>			20. If this person is a female — a. Limits the kind or amount of work this person can do at a job? Yes No b. Prevents this person from working at a job? Yes No c. Limits or prevents this person from using public transportation? Yes No			d. County <input type="radio"/>					
14. What is this person's ancestry? If uncertain about how to report ancestry, see instruction guide. <i>(For example: Afro-Amer., English, French, German, Honduran, Hungarian, Irish, Italian, Jamaican, Korean, Lebanese, Mexican, Nigerian, Polish, Ukrainian, Venezuelan, etc.)</i>			21. If this person has ever been married — a. Has this person been married more than once? <input type="radio"/> Once <input type="radio"/> More than once			e. State _____ f. ZIP Code _____					
15a. Did this person live in this house five years ago (April 1, 1975)? <i>If in college or Armed Forces in April 1975, report place of residence there.</i> <input type="radio"/> Born April 1975 or later — <i>Turn to next page for next person</i> <input type="radio"/> Yes, this house — <i>Skip to 16</i> <input type="radio"/> No, different house			b. Month and year of marriage? Month and year of first marriage? <i>(Month) — (Year) (Month) — (Year)</i>			24a. Last week, how long did it usually take this person to get from home to work (one way)? <i>If car, truck, or van in 24b, go to 24c. Otherwise, skip to 28.</i> Minutes _____					
b. Where did this person live five years ago (April 1, 1975)? (1) State, foreign country, Puerto Rico, Guam, etc.: _____			c. If married more than once — Did the first marriage end because of the death of the husband (or wife)? <input type="radio"/> Yes <input type="radio"/> No			b. How did this person usually get to work last week? <i>If this person used more than one method, give the one usually used for most of the distance.</i> <input type="radio"/> Car <input type="radio"/> Taxicab <input type="radio"/> Truck <input type="radio"/> Motorcycle <input type="radio"/> Van <input type="radio"/> Bicycle <input type="radio"/> Bus or streetcar <input type="radio"/> Walked only <input type="radio"/> Railroad <input type="radio"/> Worked at home <input type="radio"/> Subway or elevated <input type="radio"/> Other — <i>Specify</i> _____					
(2) County: _____ (3) City, town, village, etc.: _____ (4) Inside the incorporated (legal) limits of that city, town, village, etc.? <input type="radio"/> Yes <input type="radio"/> No, in unincorporated area			FOR CENSUS USE ONLY			15b. 23. VL 24a.					
Per. No.	11. <input type="checkbox"/>	13b.	14. <input type="checkbox"/>			0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0			
I	I I I	I I I	I I I	I I I	I I I	1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1			
2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2 2 2 2 2 2 2 2 2 2	2 2 2 2 2 2 2 2 2 2 2 2	2 2 2 2 2 2 2 2 2 2 2 2			
3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3 3 3 3 3 3 3 3 3 3	3 3 3 3 3 3 3 3 3 3 3 3	3 3 3 3 3 3 3 3 3 3 3 3			
4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4			
5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5 5 5 5 5 5 5 5 5 5	5 5 5 5 5 5 5 5 5 5 5 5	5 5 5 5 5 5 5 5 5 5 5 5			
6	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6 6 6 6 6 6 6 6 6 6	6 6 6 6 6 6 6 6 6 6 6 6	6 6 6 6 6 6 6 6 6 6 6 6			
7	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7 7 7 7 7 7 7 7 7 7	7 7 7 7 7 7 7 7 7 7 7 7	7 7 7 7 7 7 7 7 7 7 7 7			
8	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8 8 8 8 8 8 8 8 8 8	8 8 8 8 8 8 8 8 8 8 8 8	8 8 8 8 8 8 8 8 8 8 8 8			
	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9 9 9 9 9 9 9 9 9 9	9 9 9 9 9 9 9 9 9 9 9 9	9 9 9 9 9 9 9 9 9 9 9 9			

Appendix E.—Facsimiles of Respondent Instructions and Questionnaire Pages

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PERSON 1 ON PAGE 2

c. When going to work <u>last week</u> , did this person usually —		CENSUS USE 21b.	31a. Last year (1979), did this person work, even for a few days, at a paid job or in a business or farm?		CENSUS USE ONLY 31b. 31c. 31d.
<input type="radio"/> Drive alone — <i>Skip to 28</i> <input type="radio"/> Drive others only <input type="radio"/> Share driving <input type="radio"/> Ride as passenger only			<input type="radio"/> Yes <input checked="" type="checkbox"/> No — <i>Skip to 31d</i>		
d. How many people, including this person, usually rode to work in the car, truck, or van <u>last week</u> ?			b. How many weeks did this person work in 1979? <i>Count paid vacation, paid sick leave, and military service.</i>		
<input type="radio"/> 2 <input checked="" type="checkbox"/> 4 <input type="radio"/> 6 <input type="radio"/> 3 <input type="radio"/> 5 <input type="radio"/> 7 or more <input checked="" type="checkbox"/>			Weeks		
After answering 24d, skip to 28.			c. During the weeks <u>worked</u> in 1979, how many hours did this person usually work each week?		
25. Was this person <u>temporarily</u> absent or on layoff from a job or business <u>last week</u> ?			Hours		
<input type="radio"/> Yes, on layoff <input type="radio"/> Yes, on vacation, temporary illness, labor dispute, etc. <input type="radio"/> No			d. Of the weeks <u>not worked</u> in 1979 (if any), how many weeks was this person looking for work or on layoff from a job?		
<input type="radio"/> Yes <input type="radio"/> No — <i>Skip to 27</i>			Weeks		
26a. Has this person been looking for work during the last 4 weeks?			32a. 32b.		
<input type="checkbox"/> Yes <input type="radio"/> No — <i>Skip to 27</i>			32a. 32b.		
b. Could this person have taken a job <u>last week</u> ?			32. Income in 1979 —		
<input type="radio"/> No, already has a job <input checked="" type="checkbox"/> <input type="radio"/> No, temporarily ill <input type="radio"/> No, other reasons (in school, etc.) <input type="radio"/> Yes, could have taken a job <input checked="" type="checkbox"/>			<i>Fill circles and print dollar amounts.</i> <i>If net income was a loss, write "Loss" above the dollar amount.</i> <i>If exact amount is not known, give best estimate. For Income received jointly by household members, see Instruction guide.</i>		
27. When did this person last work, even for a few days?			32c. 32d.		
<input type="radio"/> 1980 <input type="radio"/> 1978 <input type="radio"/> 1970 to 1974 <input type="radio"/> 1979 <input type="radio"/> 1975 to 1977 <input type="radio"/> 1969 or earlier <input type="radio"/> Never worked			<i>If "Yes" to any of the sources below — How much did this person receive for the entire year?</i>		
28-30. Current or most recent job activity			a. Wages, salary, commissions, bonuses, or tips from all jobs . . .		
<i>Describe clearly this person's chief job activity or business last week.</i> <i>If this person had more than one job, describe the one at which this person worked the most hours.</i> <i>If this person had no job or business last week, give information for last job or business since 1975.</i>			<i>Report amount before deductions for taxes, bonds, dues, or other items.</i> <input type="radio"/> Yes — \$ <input type="radio"/> 00 <input type="radio"/> No <i>(Annual amount — Dollars)</i>		
28. Industry			b. Own nonfarm business, partnership, or professional practice . . .		
<i>a. For whom did this person work? If now on active duty in the Armed Forces, print "AF" and skip to question 31.</i> <i>(Name of company, business, organization, or other employer)</i>			<i>Report net income after business expenses.</i> <input type="radio"/> Yes — \$ <input type="radio"/> 00 <input type="radio"/> No <i>(Annual amount — Dollars)</i>		
b. What kind of business or industry was this?			c. Own farm . . .		
<i>Describe the activity at location where employed.</i> <i>(For example: Hospital, newspaper publishing, mail order house, auto engine manufacturing, breakfast cereal manufacturing)</i>			<i>Report net income after operating expenses. Include earnings as a tenant farmer or sharecropper.</i> <input type="radio"/> Yes — \$ <input type="radio"/> 00 <input type="radio"/> No <i>(Annual amount — Dollars)</i>		
c. Is this mainly — (Fill one circle)			d. Interest, dividends, royalties, or net rental income . . .		
<input type="radio"/> Manufacturing <input checked="" type="checkbox"/> Retail trade <input type="radio"/> Wholesale trade <input type="radio"/> Other — (agriculture, construction, service, government, etc.)			<i>Report even small amounts credited to an account.</i> <input type="radio"/> Yes — \$ <input type="radio"/> 00 <input type="radio"/> No <i>(Annual amount — Dollars)</i>		
29. Occupation			e. Social Security or Railroad Retirement . . .		
<i>a. What kind of work was this person doing?</i> <i>(For example: Registered nurse, personnel manager, supervisor of order department, gasoline engine assembler, grinder operator)</i>			<input type="checkbox"/> Yes — \$ <input type="radio"/> 00 <input checked="" type="checkbox"/> No <i>(Annual amount — Dollars)</i>		
b. What were this person's most important activities or duties?			f. Supplemental Security (SSI). Aid to Families with Dependent Children (AFDC), or other public assistance or public welfare payments . . .		
<i>(For example: Patient care, directing hiring policies, supervising order clerks, assembling engines, operating grinding mill)</i>			<input type="radio"/> Yes — \$ <input type="radio"/> 00 <input type="radio"/> No <i>(Annual amount — Dollars)</i>		
30. Was this person — (Fill one circle)			g. Unemployment compensation, veterans' payments, pensions, alimony or child support, or any other sources of income received regularly . . .		
<i>Employee of private company, business, or individual, for wages, salary, or commissions . . .</i> <i>Federal government employee . . .</i> <i>State government employee . . .</i> <i>Local government employee (city, county, etc.) . . .</i> <i>Self-employed in own business, professional practice, or farm —</i> <i>Own business not incorporated . . .</i> <i>Own business incorporated . . .</i> <i>Working without pay in family business or farm . . .</i>			<i>Exclude lump-sum payments such as money from an inheritance or the sale of a home.</i> <input type="checkbox"/> Yes — \$ <input type="radio"/> 00 <input type="radio"/> No <i>(Annual amount — Dollars)</i>		
			33. What was this person's total income in 1979?		
			<i>Add entries in questions 32a through g; subtract any losses.</i> \$ <input type="radio"/> 00 <i>If total amount was a loss, write "Loss" above amount.</i> OR <input type="radio"/> None		

→ Please turn to the next page and answer the questions for Person 2 on page 2

Appendix F.—Publication and Computer Tape Program

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P.L. 94-171 Counts Microfiche	F-5

GENERAL

The results of the 1980 Census of Population and Housing are issued in three forms: printed reports, computer tape

files, and microfiche. Most of the reports listed are issued on a flow basis through 1983. A few may be issued later, such as Subject Reports and Evaluation and Reference Reports.

The publications of the 1980 census are released under three subject titles: *1980 Census of Population and Housing*, *1980 Census of Population*, and *1980 Census of Housing*. The description of the publication program below is organized in sections, by census title, followed by the reports under each title. It should be noted that a number of population census reports contain some housing data and a number of housing census reports contain some population data. Following the description of the publication program are sections on computer tapes, maps, and microfiche.

The data product descriptions include listings of geographic areas for which data are summarized in that product. Note that the term "place" refers to incorporated places and census designated (or unincorporated) places, as well as towns and townships in 11 States (the 6 New England States, the 3 Middle Atlantic States, Michigan, and Wisconsin).

Order forms for these materials are available, subject to availability of the data product, from Data User Services Division, Customer Services, Bureau of the Census, Washington, D.C. 20233; Census Bureau Regional Offices; U.S. Department of Commerce District Offices; and State Data Centers. After issuance, census reports are on file in many libraries and are available for examination at any Department of Commerce District Office or Census Bureau Regional Office.

PUBLICATIONS

Population and Housing Census Reports

PHC80-1, Block Statistics—These reports, which are issued on microfiche rather

than in print form, present population and housing unit totals and statistics on selected characteristics which are based on complete-count tabulations. Data are shown for blocks in urbanized areas and selected adjacent areas, for blocks in places of 10,000 or more inhabitants, and for blocks in areas which contracted with the Census Bureau to provide block statistics.

The set of reports consists of 374 sets of microfiche and includes a report for each standard metropolitan statistical area (SMSA), showing blocked areas within the SMSA, and a report for each State and for Puerto Rico, showing blocked areas outside SMSA's. In addition to microfiche, printed detailed maps showing the blocks covered by the particular report are available as well as a U.S. Summary, which is an index to the set.

PHC80-2, Census Tracts—Statistics for most of the population and housing subjects included in the 1980 census are presented for census tracts in SMSA's and in other tracted areas. Both complete-count data and sample data are included. Most statistics are presented by race and Spanish origin for areas with at least a specified number of persons in the relevant population group.

There is one report for each SMSA, as well as one for each of the States and Puerto Rico which have tracted areas outside SMSA's. In addition, maps showing the boundaries and identification numbers of census tracts in the SMSA are available as well as a U.S. Summary, which is an index to the set and also provides a historical listing of the total number of tracts by area.

PHC80-3, Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas—Statistics are presented on total population and on complete-count and sample population characteristics such as age, race, education, disability, ability to speak English, labor force, and income, and on total housing units and housing characteristics such as value, age of structure, and rent. These statistics are shown for the following areas or their equivalents: States, SMSA's, counties, county subdivisions (those which are functioning general-purpose local governments), and incorporated places.

There is one report for each State, the District of Columbia, and Puerto Rico.

This series does not include a U.S. Summary.

PHC80-4, Congressional Districts of the 98th Congress—These reports present complete-count and sample data for congressional districts of the 98th Congress. The reports reflect redistricting based on the 1982 elections. One report is issued for each of the 50 States and the District of Columbia.

PHC80-S1-1, Provisional Estimates of Social, Economic, and Housing Characteristics—This report presents provisional estimates based on sample data collected in the 1980 census. Data on social, economic, and housing characteristics are shown for the United States as a whole, each State, the District of Columbia, and SMSA's of 1 million or more inhabitants.

These data are based on a special sub-sample of the full census sample. The sample, which represents about 1.6 percent of the total population, was developed to provide users with initial data on characteristics of the population and housing units for the Nation and large areas.

PHC80-S2, Advance Estimates of Social, Economic, and Housing Characteristics—These reports present advance sample data from the 1980 census including such social and economic characteristics of the population as education, migration, labor force, and income as well as housing characteristics such as structural information, mortgage, and gross rent.

The set consists of 50 paperbound reports and includes one report for each State and the District of Columbia. No report will be issued for the United States as a whole.

Each report presents population and housing characteristics for the State, its counties or comparable areas, and places of 25,000 or more inhabitants. Selected data are shown for four race groups (White; Black; combined American Indian, Eskimo, and Aleut; and Asian and Pacific Islander) as well as for persons of Spanish origin.

Population Census Reports

PC80-1, Volume 1, Characteristics of the Population—This volume presents final

population counts and statistics on population characteristics. It consists of reports for the following 57 areas: the United States, each of the 50 States, the District of Columbia, Puerto Rico, and the Outlying Areas—Guam, the Virgin Islands of the United States, American Samoa, and the Northern Mariana Islands and the remainder of the Trust Territory of the Pacific Islands. The volume consists of four chapters for each area, chapters A, B, C, and D. Chapters A and B present data collected on a complete-count basis, and chapters C and D present estimates based on sample information, except for the Outlying Areas where all data were collected on a complete-count basis.

The population totals presented in chapters A and B may differ from the counts presented earlier in the PHC80-V reports because corrections were made for errors found after the PHC80-V reports were issued. Chapters B, C, and D present statistics by race and Spanish origin for areas with at least a specified number of the relevant population group.

The U.S. Summary reports present statistics for the United States, regions, divisions, States, and selected areas below the State level. The State or equivalent Area reports (which include the District of Columbia, Puerto Rico, and the Outlying Areas) present statistics for the State or equivalent area and its subdivisions.

Statistics for each of the 57 areas are issued in separate paperbound reports of chapters A, B, C, and D.

PC80-1-A, Chapter A, Number of Inhabitants—Final population counts are shown for the following areas or their equivalents: States, counties, county subdivisions, incorporated places and census designated places, standard consolidated statistical areas (SCSA's), SMSA's, and urbanized areas. Selected tables contain population counts by urban and rural residence. Many tables contain population counts from previous censuses.

PC80-1-B, Chapter B, General Population Characteristics—Statistics on household relationship, age, race, Spanish origin, sex, and marital status are shown for the following areas or their equivalents: States, counties (by total and rural residence), county subdivisions, places of 1,000 or more inhabitants, SCSA's,

SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages.

PC80-1-C, Chapter C, General Social and Economic Characteristics—Statistics are presented on nativity, State or country of birth, citizenship and year of immigration for the foreign-born population, language spoken at home and ability to speak English, ancestry, fertility, family composition, type of group quarters, marital history, residence in 1975, journey to work, school enrollment, years of school completed, disability, veteran status, labor force status, occupation, industry, class of worker, labor force status in 1979, income in 1979, and poverty status in 1979. In addition, data on subjects shown in the PC80-1-B reports are presented in this report in more detail.

Each subject is shown for some or all of the following areas or their equivalents: States, counties (by rural and rural-farm residence), places of 2,500 or more inhabitants, SCSA's, SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages.

PC80-1-D, Chapter D, Detailed Population Characteristics—Statistics on most of the subjects covered in the PC80-1-C reports are presented in this report in considerably greater detail and cross-classified by age, race, Spanish origin, and other characteristics. Each subject is shown for the State or equivalent area, and some subjects are also shown for rural residence at the State level. Most subjects are shown for SMSA's of 250,000 or more inhabitants, and a few are shown for central cities of these SMSA's.

PC80-2, Volume 2, Subject Reports—Each of the reports in this volume focuses on a particular subject and provides highly detailed distributions and cross-classifications on a national, regional, and divisional level. A few reports show statistics for States, SMSA's, large cities, American Indian reservations, or Alaska Native villages. Separate reports are issued on such subjects as racial and ethnic groups, type of residence, fertility, families, marital status, migration, education, employment, occupation, industry, journey to work, income, poverty status, and other topics.

PC80-S1, Supplementary Reports—These reports present special compilations of

1980 census statistics dealing with specific population subjects.

Housing Census Reports

HC80-1, Volume 1, Characteristics of Housing Units—This volume presents final housing unit counts and statistics on housing characteristics. It consists of reports for the following 57 areas: the United States, each of the 50 States, the District of Columbia, Puerto Rico, and the Outlying Areas—Guam, the Virgin Islands of the United States, American Samoa, and the Northern Mariana Islands and the remainder of the Trust Territory of the Pacific Islands. The volume consists of two chapters for each area, chapters A and B. Chapter A presents data collected on a complete-count basis, and chapter B presents estimates based on sample information, except for the Outlying Areas where all data were collected on a complete-count basis.

The housing totals presented in this report may differ from the counts presented earlier in the PHC80-V reports because corrections were made for errors found after the PHC80-V reports were issued. Both chapters present statistics by race and Spanish origin for areas with at least a specified number of the relevant population group.

The U.S. Summary reports present statistics for the United States, regions, divisions, States, and selected areas below the State level. The State or equivalent Area reports (which include the District of Columbia, Puerto Rico, and the Outlying Areas) present statistics for the State or equivalent area and its subdivisions.

Statistics for each of the 57 areas are issued in separate paperbound reports of chapters A and B.

HC80-1-A, Chapter A, General Housing Characteristics—Statistics on units at address, tenure, condominium status, number of rooms, persons per room, plumbing facilities, value, contract rent, and vacancy status are shown for some or all of the following areas or their equivalents: States, counties, county subdivisions, places of 1,000 or more inhabitants, SCSA's, SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages. Selected tables contain housing characteristics by urban and rural residence.

HC80-1-B, Chapter B, Detailed Housing Characteristics—Statistics on units in structure, year moved into unit, year structure built, heating equipment, fuels, air-conditioning, source of water, sewage disposal, gross rent, and selected monthly ownership costs are shown for some or all of the following areas or their equivalents: States, counties, places of 2,500 or more inhabitants, SCSA's, SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages. Selected tables show housing characteristics for rural and rural farm residence at the State and county level. Some subjects included in the HC80-1-A reports are also covered in this report in more detail.

HC80-2, Volume 2, Metropolitan Housing Characteristics—This volume presents statistics on most of the 1980 housing census subjects in considerable detail and cross-classification. Most statistics are presented by race and Spanish origin for areas with at least a specified number of the relevant population group. Data are shown for States or equivalent areas, SMSA's and their central cities, and other cities of 50,000 or more inhabitants.

There is one report for each SMSA and one report for each State and Puerto Rico. The set includes a U.S. Summary report showing these statistics for the United States and regions.

HC80-3, Volume 3, Subject Reports—Each of the reports in this volume focuses on a particular subject and provides highly detailed distributions and cross-classifications on a national, regional, and divisional level. Separate reports are issued on housing of the elderly, mobile homes, and American Indian households.

HC80-4, Volume 4, Components of Inventory Change—This volume consists of two reports presenting statistics on the 1980 characteristics of housing units which existed in 1973, as well as on newly constructed units, conversions, mergers, demolitions, and other additions and losses to the housing inventory between 1973 and 1980. These reports present data derived from a sample survey conducted in the fall of 1980. Data are presented for the United States and regions in report I. Report II has two parts: Part A presents data for that group of SMSA's (not individually identified)

with populations of 1 million or more at the time of the 1970 census, and part B presents data for that group of SMSA's (not individually identified) with populations of less than 1 million at the time of the 1970 census.

HC80-5, Volume 5, Residential Finance—This volume consists of one report presenting statistics on the financing of non-farm homeowner and rental and vacant properties, including characteristics of the mortgage, property, and owner. The statistics are based on a sample survey conducted in the spring of 1981. Data are presented for the United States and regions. Some data are presented by inside and outside SMSA's and by central cities.

HC80-S1-1, Supplementary Reports—These reports present statistics from the 1980 Census of Housing on general characteristics of housing units for the 50 States and the District of Columbia, counties, and independent cities.

Evaluation and Reference Reports

PHC80-E, Evaluation and Research Reports—These reports present the results of the extensive evaluation program conducted as an integral part of the 1980 census. This program relates to such matters as completeness of enumeration and quality of the data on characteristics.

PHC80-R, Reference Reports—These reports present information on the various administrative and methodological aspects of the 1980 census. The series includes:

PHC80-R1, Users' Guide—This report covers subject content, procedures, geography, statistical products, limitations of the data, sources of user assistance, notes on data use, a glossary of terms, and guides for locating data in reports and tape files. The guide is issued in loose-leaf form and sold in parts (R1-A, B, etc.) as they are printed.

PHC80-R2, History—This report describes in detail all phases of the 1980 census, from the earliest planning through all stages to the dissemination of data and evaluation of results. It contains detailed discussion of 1980 census questions and their use in previous decennial censuses.

PHC80-R3, Alphabetical Index of Industries and Occupations—This report was developed primarily for use in classifying responses to the questions on the kind of business (industry) and kind of work (occupation) in which the respondent is engaged. The index lists approximately 20,000 industry and 29,000 occupation titles in alphabetical order.

PHC80-R4, Classified Index of Industries and Occupations—This report defines the industrial and occupational classification systems adopted for the 1980 Census of Population. It presents the individual titles that constitute each of the 231 industry and 503 occupation categories in the classification systems. The individual titles are the same as those shown in the Alphabetical Index. The 1980 occupation classification reflects the new U.S. Standard Occupational Classification (SOC). As in the past, the 1980 industry classification reflects the Standard Industrial Classification (SIC).

PHC80-R5, Geographic Identification Code Scheme—This report identifies the names and related geographic codes for each State, county, minor civil division, place, region, division, SCSA, SMSA, American Indian reservation, and Alaska Native village for which the Census Bureau tabulated data from the 1980 census.

COMPUTER TAPES

Summary Tape Files

In addition to the printed and microfiche reports, results of the 1980 census also are provided on computer tape in the form of summary tape files (STF's). These data products have been designed to provide statistics with greater subject and geographic detail than is feasible or desirable to provide in printed and microfiche reports. The STF data are made available at nominal cost. The data are subject to suppression of certain detail where necessary to protect confidentiality.

There are five STF's (listed below), and the amount of geographic and subject detail presented varies. STF's 1 and 2 contain complete-count data, and STF's 3, 4, and 5 contain sample data. Note that the term "cells" used below refers

to the number of subject statistics provided for each geographic area, and the number of cells is indicative of the detail of the subject content of the file.

Each of the STF's generally consists of two or more files which provide different degrees of geographic detail and, in some cases, race/Spanish origin cross-classification. For each of the files there is a separate tape or tapes for each State, the District of Columbia, and Puerto Rico. Selected files (STF 1 and STF 3) are also produced for Guam, the Virgin Islands of the United States, American Samoa, and the Northern Mariana Islands and the remainder of the Trust Territory of the Pacific Islands. These tapes are issued on a State-by-State basis and are followed by a national summary tape for the particular file. More complete descriptions of the STF's than given in the summaries below can be found in the technical documentation of the specific file and in the PHC80-R1, *Users' Guide*.

STF 1—This STF provides 321 cells of complete-count population and housing data. Data are summarized for the United States, regions, divisions, States, SCSA's, SMSA's, urbanized areas, congressional districts, counties, county subdivisions, places, census tracts, enumeration districts in unblocked areas, and blocks and block groups in blocked areas. The data include those shown in the PHC80-1, PHC80-3 (complete-count), and PC80-1-A reports.

STF 2—This STF contains 2,292 cells of detailed complete-count population and housing data, of which 962 are repeated for each race and Spanish origin group present in the tabulation area. Data are summarized for the United States, regions, divisions, States, SCSA's, SMSA's, urbanized areas, counties, county subdivisions, places of 1,000 or more inhabitants, census tracts, American Indian reservations, and Alaska Native villages. The data include those shown in the PHC80-2 (complete-count), PC80-1-B, and HC80-1-A reports.

STF 3—This STF contains 1,126 cells of data on various population and housing subjects collected on a sample basis. The areas covered are the same as in STF 1, excluding blocks. The data include those shown in the PHC80-3 (sample) reports.

STF 4—This STF is the geographic counterpart of STF 2, but the number of cells of data is greater (approximately 8,400). STF 4 provides data covering virtually all of the population and housing subjects collected on a sample basis, as well as some of the complete-count subjects. Some of the statistics are repeated for race, Spanish origin, and ancestry groups. Data are summarized for areas similar to those shown in STF 2, except that data for places are limited to those with 2,500 or more inhabitants. The data include those shown in the PHC80-2 (sample), PC80-1-C, and HC80-1-B reports.

STF 5—This STF contains over 100,000 cells of data on various population and housing subjects collected on a sample basis and provides detailed tabulations and cross-classifications for States, SMSA's, counties, cities of 50,000 or more inhabitants and central cities. Most subjects are classified by race and Spanish origin. The data include those shown in the PC80-1-D and HC80-2 reports.

Other Computer Tape Files

P.L. 94-171, Population Counts—In accordance with Public Law (P.L.) 94-171, the Census Bureau provides population tabulations to all States for legislative reapportionment/redistricting. The file is issued on a State-by-State basis. It contains population counts classified by race and Spanish origin. The data are tabulated for the following levels of geography as applicable: States, counties, county subdivisions, incorporated places, census tracts, blocks and block groups in blocked areas, and enumeration districts in unblocked areas. For States participating in the voluntary program to define election precincts in conjunction with the Census Bureau, the data are also tabulated for election precincts.

Master Area Reference Files 1 and 2 (MARF)

MARF 1—This geographic reference file is an extract of STF 1 designed for those who require a master list of geographic codes and areas, along with basic census counts arranged hierarchically from the State down to the block group and enumeration district levels and is issued on a State-by-State basis. The file contains records for States, counties, county subdivisions, places, census tracts, enumeration districts in unblocked areas, and block groups in blocked areas. Each record shows the total population by five race groups, population of Spanish origin, number of housing units, number of households, number of families, and a few other items.

MARF 2—This file is the same as the MARF 1 with the latitude and longitude coordinates for a representative point (centroid) in each block group (BG) or enumeration district (ED) outside block numbered areas.

Geographic Base File/Dual Independent Map Encoding (GBF/DIME)—These files are computer representations of the Metropolitan Map Series, including address ranges and ZIP Codes, which generally cover the urbanized portions of SMSA's. GBF/DIME files are used to assign census geographic codes to addresses (geocoding). The files are available by SMSA.

Public-Use Microdata Samples—Public-use microdata samples are computerized files containing most population and housing characteristics as shown on a sample of individual census records. These files contain no names or addresses, and geographic identification is sufficiently broad to protect confidentiality.

There are three mutually exclusive samples, the A sample including 5 percent of all persons and housing units, and the

B and C samples each including 1 percent of all persons and housing units. States and most large SMSA's will be identifiable on one or more of the files. Microdata files allow the user to prepare customized tabulations.

Census/EEO Special File—This file provides sample census data with specified relevance to EEO and affirmative action uses. The file contains two tabulations, one with detailed occupational data and the other with years of school completed by age. The data in both tabulations are crossed by sex, race, and Spanish origin. These data are provided for all counties, for all SMSA's, and for places with a population of 50,000 or more.

MAPS

Maps necessary to define areas are generally published and included as part of the corresponding reports. Maps are published for Block Statistics (PHC80-1) and Census Tracts (PHC80-2), but must be purchased separately from the report. Maps necessary to define enumeration districts are available on a cost-of-reproduction basis.

MICROFICHE

Some of the computer tape products are available on microfiche. The STF microfiche are issued for each State or Area and for the United States. These include:

STF 1 Microfiche—Data from STF 1 are presented in tabular form for all the STF 1 geographic levels described previously, except blocks.

STF 3 Microfiche—Data from STF 3 are presented in tabular form for all the STF 3 geographic levels.

P.L. 94-171 Counts Microfiche—The data from the P.L. 94-171 computer file are presented in a listing format.

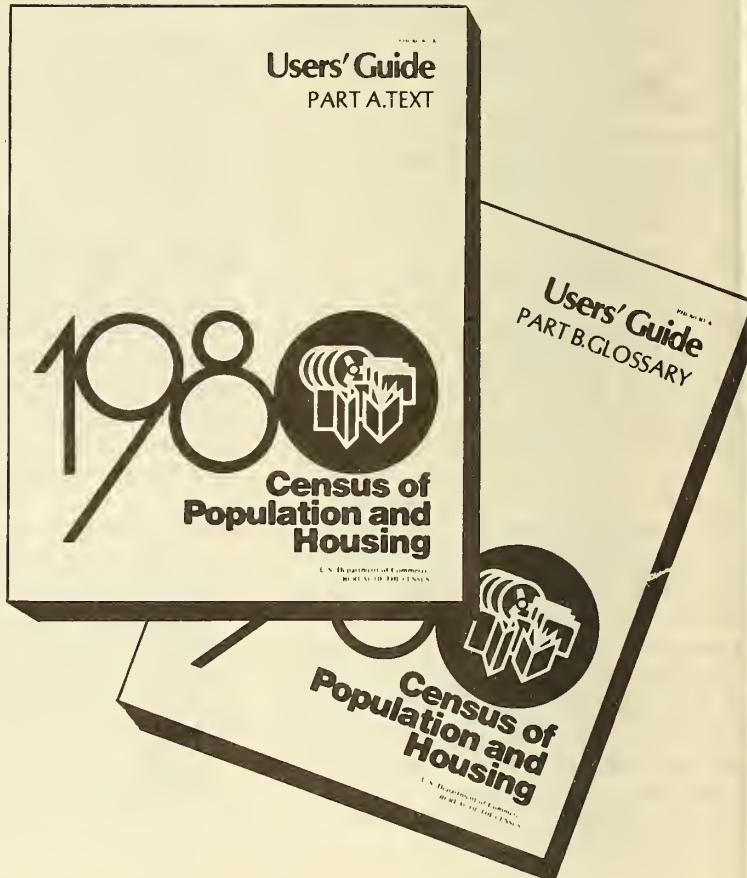
1980 Census of Population and Housing

Users' Guide

The Users' Guide, a reference work on the 1980 census, is now available. It consists of:

- **Part A. Text**—Covers census data subjects; geographic considerations; reports, tapes, maps, and other products; services available to users; and many other topics central to understanding and using 1980 census data.
- **Part B. Glossary**—Provides detailed definitions of population, housing, geographic, and technical terms associated with the census—especially important for people using 1980 data on tape or microfiche.
- **Sources of Assistance**—Furnishes addresses and phone numbers of public and private sector organizations offering a variety of products and services, such as tape processing, area profiles, training, and reference assistance.
- **Updates**—Provide information on new developments relating to the 1980 census. Each update is keyed to the particular point in "Part A. Text" that needs revision.

Part C, a table finder, and Part D, a guide to tape contents, are planned for publication later.



Order from Superintendent of Documents, Government Printing Office, Washington, D.C. 20402. Specify the stock number (S/N) given below and make checks payable to Superintendent of Documents.

Part A. Text (S/N 003-024-03625-8)—\$5.50. Supplement 1 (S/N 003-024-05004-8)—\$6.00 (includes Part B. Glossary, Sources of Assistance, and Updates)

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